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ABSTRACT

This selective annotated bibliography is intended for anyone who wants to learn and teach about nuclear technology and its potential implications for humankind. Over 600 resources dealing with nuclear energy, nuclear war, and peace are described. There are eight chapters. Chapter 1 describes informational materials, including journal articles, books, reports, and pamphlets. Psychology and teaching methods are the foci of the second chapter. The third chapter lists curriculum materials for children, teens, and adults. Books for children are described in chapter 4. Audiovisual resources, including films, video tapes, slide shows, and filmstrips are cited in the fifth chapter. Chapter 6 describes periodicals and resource lists. Materials cited in the first six chapters were published during the 1970's and early 1980's; ERIC accession numbers are provided when applicable. Chapter 7 cites organizations active in the area of nuclear technology. The concluding chapter describes human resources in the San Francisco Bay area. Appendices contain the names of contributors and the names and addresses of film distributors. (RM)

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NUCLEOGRAPHY

An Annotated Resource Guide for Parents and Educators on Nuclear Energy, War, and Peace

edited by
Jacqueline Barber, Gigi Bridges and Cary Sneider

SO 015 822

First Edition
December 1982

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On Nuclear Energy, War, and Peace

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Editors listed in alphabetical order.

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For a copy of the current edition of Nucleography, send $6.00 to: NUCLEOGRAPHY, 2847 Fulton Street, Berkeley, CA 94705.

WHAT IS NUCLEOGRAPHY?

Nucleography is an annotated resource guide, addressed to anyone who wishes to learn and teach about nuclear technology and its potential implications for humankind. Its purpose is to provide a means for people to scan the materials in this area in order to decide which would be most helpful for their needs.

A number of excellent bibliographies already exist about nuclear issues (see Chapter 6 for a list). This document incorporates many of the references published so far, with significant additions, including lists of periodicals, audio-visual materials, and a section on "human resources."

To limit the volume of material to a useful size, we have selected items which are relevant to the issues of nuclear energy, war, and peace for the general public. Thus, college materials on nuclear physics have not been included unless they deal explicitely with the interaction between science and society. On the other hand, some materials on cooperation and peace that do not relate explicitely to nuclear technology have been included since the basic problem of human conflict cuts to the core of the science/technology dilemma.

In addition to the criterion of relevance, the items included here are available from bookstores, libraries, organizations, or the extensive microfilm collection of the Educational Resources Information Center (ERIC) maintained at most university campuses.

Finally, to be included in this annotated resource guide, each entry must be judged by at least one contributor to be a valuable resource in teaching or learning about these issues. The contributor indicates how much value should be attributed to that reference by awarding it one star (useful), two stars (especially valuable), or three stars (a "must").

Nucleography is not, and never will be "complete." In a very important sense, this is an interactive document since you, the reader, are invited to become a contributor to the next edition. The entries are processed by a computer so the entire document can be updated and reprinted with a minimum of effort.

Needless to say, there is a wide diversity of opinions expressed in the materials that are available on these topics, and among the reviewers who have contributed the annotations. It is not our expectation that anyone can or should be neutral or objective about these issues-- meaningful education can only occur when alternative viewpoints are fully considered. Thus, we solicit contributions from groups that consider themselves to be "pro-" as well as "anti-nuclear." Information on how you can contribute is presented in Appendix A. Contributors.

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Chapter 1 INFORMATIONAL MATERIALS

A. Articles

* Barnaby, Frank, "The Mounting Prospects of Nuclear War", Bulletin of the Atomic Scientists, v33, n6, pp. 11-20, June 1977, ERIC document # EJ161139, SE519470.

Postulates that the probability of a nuclear world war is steadily increasing due to the arms race escalation, the spread of nuclear technology, the international trade in arms, and the failure of arms controls. ERIC-SL

* Barnet, Richard, "Ultimate Terrorism", The Progressive, 1979, available from Reprints, The Progressive, 409 East Main St., Madison, Wi 53709, $0.50.

Security for none in a world bristling with nuclear weapons. PRO

* Barry, Tom, "Navajos and National Nuclear Policy", Southwest Economy and Society, v4, n3, pp. 21-32 Spring-Summer 1979, ERIC document # EJ211550, RC503523.

Describes the history of nuclear development in New Mexico, notes the cumulative detrimental effect on the Navajo Nation, and emphasizes federal inaction regarding health and safety standards and regulation in the nuclear power industry. ERIC-SB

* Bederson, Benjamin, "Atomic Physics: A Renewed Vitality", Physics Today, v34, n11, pp. 188-209, Nov. 1981, ERIC document # EJ256988, SE530555.

Highlights accomplishments in atomic physics over the past 50 years including books, conferences, and research. Includes prospects for the future. ERIC-JN

* Benedict, Manson, "Electric Power from Nuclear Fission", Bulletin of the Atomic Scientists, v27, n7, pp. 8-16, Sept. 1971, ERIC document #EJ043297, SE503879.

Adovcates building demonstration plants of liquid metal fast breeder type and testing waste disposal methods. Sees nuclear power as the best hope of providing electrical energy for the U.S. ERIC-AL

* Bernstein, Barton, "Shatterer of Worlds--Hiroshima and Nagasaki", Bulletin of the Atomic Scientists, v31, n10, pp. 12-22, Dec. 1975, ERIC

document # EJ130131, SE515343.

A historian looks back at the dropping of the atomic bomb; in hindsight the political and moral consequences are plain, but at the time the decision reflected an overwhelming American consensus. ERIC-BT

* Biaglow, John, "The Effects of Ionizing Radiation on Mammalian Cells", Journal of Chemical Education, v58, n2, pp. 144-56, Feb. 1981, ERIC document # EJ242937, SE529167.

Discusses the effects of radiation on dividing cells and factors influencing these effects; also briefly reviews the radical mechanism for radiation damage. Emphasizes the importance of oxygen in radiation effects. ERIC-CS

* Bushong, Stewart C., "Radiation Exposure in our Daily Lives", Physics Teacher, v15, n3, pp. 135-144, Mar. 1977, ERIC document # EJ159387, SE518786.

Reviews the principal sources of natural and man-made radiation, current representative levels of radiation exposure in our daily lives, and possible harmful effects of this exposure. ERIC-MLH

* Byrd, Elbert M., "Toward a Policy of Arms Displacement", Social Studies, v61, n3, pp. 109-19, Mar. 1970, ERIC document # EJ017347, AA505708.

The author suggests that progress will not be made in Disarmament talks unless the present negative concepts are replaced by measures of international cooperation. ERIC-EJS

** Caldicott, Helen, "A Physician's View of Nuclear War", The Conservation Press, Berkeley, CA, 4-page newspaper folio reprint, illustrated, 1980, $1.00 plus 10% shipping.

Helen M. Caldicott, pediatrician and author...talks about the medical consequences of nuclear weapons and nuclear war. She is founder of the Women's Party for Survival. SBR

* Campaigne, Ernest, "Chemical Protection Against Radiation Damage", American Biology Teacher, v31, n9, pp. 600-604, Dec. 1969, ERIC document # EJ012949, SE501059.

Discusses potential war time and medical uses for chemical compounds giving protection against radiation damage. Describes compounds known to protect, research aimed at discovering such compounds, and problems of toxicity. ERIC-EB

* Canavan, James J., "Ornithology Through Environmental Change", Science Activities, v11, n4, pp. 10-12, Sep/Oct 1974, ERIC document # EJ104818, SE511898.

Describes some aspects of a long-term study of the radio-nuclide intake in birds found in the area of the Boston Edison Pilgrim Nuclear Power Station. ERIC-PEB

* Chase, Stuart, "No Nation Alone", Bulletin of the Atomic Scientist, v32, n10, pp. 42-43, Dec. 1976, ERIC document # EJ152150, SE518188.

Summarized are 13 major problems facing every country in the world today. Problems include: disarmament, population explosion, pollution, energy, conservation of natural resources, transportation, communications, and health. ERIC-SL

* Chemical and Engineering News, "Environmental Impact of LMFBR's Assessed", v52, n12, pp. 21-22, Mar. 1974, ERIC document # EJ095282, SE510889.

Summarizes some aspects of the enviromental impact draft statement prepared to assess the feasibility of liquid-metal fast-breeder reactors in commercial power generation. ERIC-CC

* Cohen, Bernard, L., "Health Risks of Nuclear Power", Physics Teacher, v16, n8, pp. 526-32, Nov. 1978, ERIC document # EJ195010, SE523362.

Deals with the wastes generated in nuclear power plants and the health risks involved as compared to those of wastes generated by coal-fired plants. Concludes that the risks of nuclear power plants are many times smaller than the risks from alternative energy resources. ERIC-GA

** Dellums, Ron, "A Conversation With Congressman Dellums", The Conservation Press, Berkeley, CA, 4-page folio reprint, $1.00 plus 10% for shipping.

Ronald V. Dellums...brings up the greater issues in the halls of democracy, where it is all too easy to lose perspective in the interminable press of smaller details. His vision and articulation of events as they appear against the global panorama are among our most sane and prudent national assets. RMF

* DeVolpi, A., "Energy Policy Decision-Making: The Need for Balanced Input", Bulletin of the Atomic Scientists, v30, n10, pp. 29-33, Dec. 1974, ERIC document # EJ114737, SE512623.

Indicates that the credibility of environmentalists and nuclear advocates has been damaged by misinformed alarmist positions.

Advocates the public's right of equal standing on advisory councils in the areas of energy development, environmental protection, and public safety. ERIC-GS

* Dreschhoff, Gisela, and others, "International High Level Nuclear Waste Management", Bulletin of the Atomic Scientists, v30, n1, pp. 28-33, Jan. 1974, ERIC document # EJ090163, SE510233.

Discusses the radioactive waste management in Belgium, Canada, France, Germany, India, Italy, Japan, the United Kingdom, the United States, and the USSR. Indicates that scientists and statesmen should look beyond their own lifetimes into future centuries and millennia to conduct long-range plans essential to protection of future generations. ERIC-CC

* Edwards, Gordon, "Nuclear Power: A New Dimension", Alternatives, v5, n2, pp. 26-31, Apr. 1976, ERIC document # EJ141789, SE516765.

Summarizes issues regarding the development of nuclear power in Canada and reasons for the organization of the Canadian Coalition for Nuclear Responsibility. ERIC-RH

* Eisenberg, Anne, "Philip Morrison--A Profile", Physics Today, v35, n8, pp. 36-41, Aug. 1982, ERIC document # EJ266280, SE531784.

Highlights the career and accomplishments of Philip Morrison, one of the most thoughful advocates of arms control, valued for his scientific contributions to the Manhatten Project, theoretical physics, astrophysics, and the public understanding of science. ERIC-JN

*** Ellsberg, Daniel, "An Interview With Dr. Daniel Ellsberg", 12-page newspaper folio reprint, The Conservation Press, $1.00 plus 10% shipping.

As an expert on nuclear command and control and nuclear war planning -- drafter of the 1961 guidance for the top-level annual operational plan for strategic warfare -- and a high level national security analyst during the administrations of four different presidents, Dr. Daniel Ellsberg has a rare background from which to describe the condition and predictable consequences of American nuclear armaments. RMF

* Fainberg, Anthony, "Ground Rules for the Power Debate", Bulletin of the Atomic Scientists, v36, n3, pp. 44-46, Mar. 1980, ERIC document # EJ218490, SE526812.

A physicist argues for the establishment of ground rules in the current nuclear power debate so that vital policy decisions and

discussions stay within the realm of rationality permitting useful and meaningful exchanges of information and data. ERIC-BT

* Finch, Warren, I., "Uranium and Thorium", Geotimes, v23, n1, pp. 48-9, Jan. 1978, ERIC document # EJ185420, SE520824.

The results of President Carter's policy on non-proliferation of nuclear weapons are expected to slow the growth rate in energy consumption, put the development of the breeder reactor in question, halt plans to reprocess and recycle uranium and plutonium, and expand facilities to supply enriched uranium. ERIC-MA

* Freilich, Florence, "Radiation and People", Physics Teacher, v8, n9, pp. 499-507, Dec. 1970, ERIC document # EJ030459, SE502634.

Describes the development of radiation as a tool of medicine. Includes topics on history of radiation, electromagnetic spectrum, X-ray tubes, high energy machines, radioactive sources, artificial radioactivity, radioactive scanning units, present radiation background, and effect of radiation on living tissue. ERIC-DS

* Fremlin, J.H., "The Windscale Inquiry and Its Implications", Physics Education, v13, n6, pp. 333-36, Sept. 1978, ERIC document # EJ193025, SE523074.

Discusses the controversy over the development of nuclear power for civilian use. Answers some of the concerns regarding safety considerations, stating that misunderstanding is the reason for exhibited negative attitudes. ERIC-GA

* Gofman, John, "Estimated Production of Human Lung Cancers By Plutonium from Worldwide Fallout", in Committee for Nuclear Responsibility Report, 1975, vol.2, (July 10). Available from: CNR, Inc., P.O. Box 332, Yachats, Oregon 97498.

Includes statistics and analyses of plutonium related lung cancers. Somewhat technical, but accessible to the interested lay-person. ADG

* Gofman, John, "The Cancer Hazard from Inhaled Plutonium", in Committee for Nuclear Responsibility Report, 1975, vol.1, (May 14). Available from: CNR, Inc., P.O. Box 332, Yachats, Oregon 97498.

Similar to above article in subject matter and treatment. ADG

* Gravel, Mike, "Dangers of Nuclear Power", Social Education, v40, n2, pp. 102-3, Feb. 1976, ERIC document # EJ131608, S0504346.

Senator Mike Gravel of Alaska examines the dangers of nuclear power, radioactive wastes, reactor safety, plutonium, and energy priorities. ERIC-JR

* Gurney, Ramsdell, Jr., "Arms and the Men", Bulletin of the Atomic Scientists, v31, n10, pp. 23-33, Dec. 1975, ERIC document # EJ130132, SE515344.

The author traces the history of international weapons negotiations in this century and notes the world's two nuclear superpowers and chief protagonists of the arms race, the Soviet Union and the United States, must act speedily and decisively on this critical matter. ERIC-BT

* Henry, Hugh F., "Radioactivity--Safer Than You Think", Science Teacher, v37, n8, pp. 29-32, Nov. 1970, ERIC document # EJ028415, SE502485.

Declares that media sensationalism and the ignoring of facts has contributed to both public and scientific overreation to radiation hazards. Examples of public concern and lack of scientific evidence are given. ERIC-PR

* Holdren, John P., "Hazards of the Nuclear Fuel Cycle", Bulletin of the Atomic Scientists, v30, n8, pp. 14-23, Oct. 1974, ERIC document # EJ114733, SE512618.

Outlines the stages of the nuclear fuel cycle where routine radiation releases occur and where nonroutine releases could occur. Examines the impact of these occurrences and emphasizes the regulations, practices, and technologies that prevail in the United States. ERIC-GS

* Inglis, David R., "Nuclear Energy and the Malthusian Dilemma", Bulletin of the Atomic Scientists, v27, n2, pp. 14-18, Feb. 1971, ERIC document # EJ034117, SE503037.

Suggests that in trying to avoid the extreme Malthusian catastrophy, collision between decreasing resources and increasing population, expanded efforts should be made to develop safe and plentiful nuclear power while meeting the real needs of the near future by moderating unwarrented demands and improving conventional techniques. ERIC-AL

* Jeffries, Vincent, "Political Generations and the Acceptance or Rejection of Nuclear Warfare", Journal of Social Issues, v30, n3, pp. 119-136, Summer 1974, ERIC document # EJ111814, UD503379.

This paper examines differential attitudes toward the use in war

of nuclear weapons among age strata, analyzed from the perspective of three political generations: "Dissent" (those born 1943-1949), "Cold War" (those born 1927-1942), and "World War II" (those born before 1927). The generation of "Dissent" was found to be least warlike in terms of rejection/acceptance of nuclear war, the generation of "World War II" the most warlike, and the "Cold War" generation intermediate between these two. ERIC-EH

* Jordan, Walter H., "Nuclear Energy: Benefits Versus Risks", Physics Today, v23, n5, pp. 32-38, May 1970, ERIC document # EJ020656, SE501711.

Discusses the benefits as well as the risks of nuclear power plants. Suggests that critics who dwell on the risks to the public from nuclear power plants should compare these risks with the present hazards that would be eliminated. Bibliography. ERIC-LC

* Keller, Edward B., "The Flap over 'Plutonium: An Element of Risk'", Journal of Communication, v29, n3, pp. 54-61, Summer 1979, ERIC document # EJ217473, CS705121.

Presents a case study of the fate of a 1977 public television documentary on nuclear energy. Analyzes how communications issues affect the nuclear energy debate. ERIC-PD

* Knoll, Erwin and Postol, Theodore, "The Day the Bomb Went Off", The Progressive, 1978, available from Reprints, The Progressive, 409 East Main Street, Madison, WI 53703, $0.50.

Graphic description of a nuclear explosion over Chicago. PRO

* Kraetsch, Gayla A., "Supplementing Conservation Practices with Alternative Energy Sources", New Directions for Hition, No. 34 (New Approaches to Energy Conservation) v9, n2, pp. 41-63, 1981. ERIC document # EJ246001, HE514359.

Universities and colleges have two major roles: to reduce their own energy consumption and costs, and to develop and test new energy options. Alternative energy sources considered to include solar energy, wind power, biomass, hydropower, ocean energy, geothermal heat, coal, and nuclear energy. ERIC-MLW

* La Porte, Todd, "Nuclear Waste: Increasing Scale and Sociopolitical Impacts", Science, v201, n4350, pp. 22-28, July 1978. ERIC document # EJ185916, SE522442.

Discusses the impact of radioactive waste management system on social and political development. The article also presents (1) types of information necessary to estimate the costs and consequences of radioactive waste management; and (2) an index of

radioactive hazards to improve the basis for policy decisions. ERIC-HM

* La Porte, Todd, "Managing Nuclear Waste", Society, v18, n5, pp. 57-65, Jul-Aug 1981. ERIC document # EJ249492, UD508600.

Discusses theoretical and methodological challenges presented to the social science community by large-scale radioactive waste management. Overviews analysis, management, and decisionmaking. ERIC-MK

* Lens, Sidney, "Doomsday Minus One", The Progressive, 1977, available from Reprints, The Progressive, 409 East Main Street, Madison, WI 53703, $0.50.

Describes the dangers of uncontrollable nuclear proliferation. PRO

* Lens, Sidney, "The Arms Race: A Primer", The Progressive, 1977, available from Reprints, The Progressive, 409 East Main St., Madison, WI 53703, $0.50.

A basic question-and-answer briefing on the nuclear arms race. PRO

* Lens, Sidney, "Running Out of Everything", The Progressive, 1974, available from Reprints, The Progressive, 409 East Main St., Madison, WI 53703, $0.50.

Equitable distribution of resources requires public, democratic decision-making. PRO

* Lewis, John W., Cleveland, Harlan, "Peace and Security in the Pacific", Bulletin of the Atomic Scientists, v34, n8, pp. 10-18, Oct. 1978. ERIC Document # EJ193067, SE523137.

First of a series of articles that examine questions of security and arms control in the Pacific and Asia. Concentrates on the issue of whether the economic growth in Asia has altered relations within Asia and between Asia and the rest of the world. ERIC-GA

* McCarthy, I.E., "The Uranium Controversy", South Australian Science Teachers Journal, n752, pp. 31-33, July 1975. ERIC document # EJ128219, SE514722.

Cites many hazards pertaining to nuclear-fueled energy and outlines many alternatives to this type of energy, such as the development of solar energy and existing coal reserves, and the worldwide reduction in energy consumption. ERIC-MLH

* McGovern, George, "The Russians Are Coming - Again", The Progressive, 1977, available from Reprints, The Progressive, 409 East Main St., Madison, WI 53703, $0.50.

Pentagon hawks use scare tactics to boost annual defense appropriations. PRO

* Melman, Seymour, "Limits of Military Power for National Security", USA Today, v110, n2434, pp. 18-21, July 1981. ERIC document # EJ249240, SO508953.

Reviews the post World War II nuclear-military arms race and claims that it is possible to define significant limits of military power for national security. Topics discussed include public opinion regarding the arms race, constraints on military power, conventional forces, checkmating conventional military strategy, and the seriousness of nuclear false alarms. ERIC-DB

* Metzger, H. Peter, "Off the Beat, Atomic Energy Commission vs. the Public: The Case of the Uranium Tailings", Science News, v106, n2, p31, July 1974. ERIC document # EJ101582, SE511614.

Details are provided of the actions of the Atomic Energy Commission in response to the problem of radioactive wastes stockpiled at AEC-licensed uranium mill sites across eight western states. ERIC-DT

* Miettinen, Jorma K., "Time for Europeans to Debate the Presence of Tactical Nukes", Bulletin of the Atomic Scientists, vol. 32, no. 5, pp. 18-22, May, 1976, ERIC Documents #EJ143557, SE516963.

The superpowers are making decisions about tactical and nuclear weapons which may be immutable for Europe for the next 20 years. The maintenance of arsenals for tactical and nuclear weapons should be discussed by more than just the closed circle of professional strategists -- by journalists, politicians, philosophers and thoughtful citizens. ERIC -- BT

* Moniz, Ernest J., and Neff, Thomas L., "Nuclear Power and Nuclear-Weapons Proliferation", Physics Today, vol. 31, no. 4, pp. 42-51, April, 1978, ERIC Documents #EJ180244, SE521751.

Discusses concerns of the production of by-products suitable for nuclear weapon production from plutonium breeder nuclear reactions and future uranium supplies. ERIC -- SL

* Moore, John W., and Elizabeth A., Editors, "Science/Society Case Study -- Fission Power, Part 2", Science Teacher, vol. 42, no. 9, pp. 34-35, November, 1975, ERIC Documents #EJ128434, SE515157.

Describes the nuclear fuel cycle and the environmental and social problems which might result from United States or world dependence on nuclear power. ERIC -- LS

* Moylan, Maurice P., "Employment in the Atomic Energy Field, 1973", Monthly Labor Review, vol. 97, no. 9, pp. 23-27, September, 1974, ERIC Documents #EJ103650, CE501588.

Private industry is gradually replacing the Federal Government in peaceful atomic energy activities. As a consequence, employment in the field of atomic energy is increasing in private industry and decreasing in government-owned establishments. ERIC -- AG

* Olson, McKinley, "Nuclear Fuel: The Hot Shuffle", The Progressive, 1975, available from: Reprints, The Progressive, 409 East Main St., Madison, WI 53709, $0.50.

The perils and costs of nuclear fuel increase at a staggering rate. PRO

* Parsegian, V. Lawrence, "On the Role of Nuclear Energy", Science Teacher, vol. 41, no. 8, pp. 26-28, November, 1974, ERIC Documents #EJ106480, SE512125.

The author elaborates on the thesis that much of the confusion and argument about the role of nuclear energy in meeting the energy needs of the nation and the world is caused by failure to place the known facts in perspective with respect to time, to hazards that accompany the use of energy in any form, to economics, and to ultimate limitations in energy-producing materials. ERIC -- PEB

* Pauling, Linus, "A Conversation With Dr. Linus Pauling", The Conservation Press, Berkeley, CA, 4-page newspaper folio reprint, illustrated, 1981, $1.00 plus 10% shipping.

A significant concern which has been so difficult for the characteristically naive scientific community to understand has been the issue of taking successful socio-political responsibility. Dr. Pauling is one of the few individuals who can show his colleagues an appropriate example as well as one that has gained recognition in the world at large. RMF

* Phi Delta Kappan, "The Nuclear Radiation/SAT Decline Connection", Phi Delta Kappan, vol. 61, no. 3, pp. 184-187, November, 1979, ERIC Documents #EJ210985, EA511989.

Earnest Sternglass discusses the evidence he has discovered relating declining scores on the Scholastic Aptitude Test to atmospheric radiation in the 1950's. ERIC -- IRT

* Rauh, Steve, "Nuclear Disarmament -- A Priority for the Sierra Club?" and "The Sierra Club, Peace and War?", The Conservation Press, Berkeley, CA, 1981, $1.00 plus 10% shipping.

On November 22, 1981, the Sierra Club adopted a disarmament policy. These two editorials served as a focus for the 18 months of momentous debate within the Sierra Club...they develop succintly and clearly why the issues of nuclear war and peace can no longer be left to experts or to organizations who specialize in military fields...STR

* Roszak, Theodore, "A Conversation With Theodore Roszak", The Conservation Press, Berkeley, CA, 4-page newspaper folio reprint, illustrated, $1.00 plus 10% shipping.

The way we treat each other and our small planet is motivated by how we feel. Theodore Roszak speaks of that all too often ignored view of social psychology. He gives us some sense of hope in a dangerous world, a sense of human direction in a gargantuan technocracy; he charts a subtle but strong move towards the small, the personal, the environmentally sound. RMF

* Rubin, Josephine, and Mische, Patricia, "Women and Peace...", The Whole Earth Papers, vol. 1, no. 6-8, Spring, 1978, Global Education Associates, 552 Park Avenue, East Orange, New Jersey 07017, $2.50, ERIC Documents #ED161798, SO011258.

Four papers explore the role of women in promoting a peaceful world order...ERIC -- AV

* Russell, Cristine, "Study Gives Good Odds on Nuclear Reactor Safety", BioScience, v24, n10, pp. 605-606, Oct. 1974, ERIC Document # EJ108001, SE512452.

Summarized is data from a recent study on nuclear reactor safety completed by Norman Rasmussen and others. Non-nuclear events are about 10,000 times more likely to produce large accidents than nuclear plants. ERIC-RH

* Sailor, Vance L., Carl, Ann, "Scientist vs. Citizen: The Shoreham Controversy", Bulletin of the Atomic Scientists, v28, n6, pp. 24-36, June 1972, ERIC document # EJ060535, SE506311.

Two views on the issue of nuclear reactor safety with reference to the license application of a nuclear power plant on Long Island. Each side presents scientific arguments concerning the safety standards proposed. ERIC-AL

* Schwartz, Charles, "The Berkeley Controversy over Nuclear Weapons",

Bulletin of the Atomic Scientists, v34, n7, pp. 20-4, Sep. 1978, ERIC document # EJ187640, SE522908.

This article makes the case that the University of California at Berkeley's nuclear labs at Los Alamos and Livermore are really weapons laboratories run by the military. ERIC-BB

* Seaborg, Glenn T., "On Misunderstanding the Atom", Bulletin of the Atomic Scientists, v27, n7, pp. 46-53, Sep. 1971, ERIC document # EJ042540, SE503885.

Argues in favor of extending the peaceful use of atomic energy. ERIC-AL

* Seeger, Pete, "A Conversation With Pete Seeger", The Conservation Press, Berkeley, CA, 4-page newspaper folio reprint, illustrated, $1.00 plus 10% shipping.

In this interview Pete Seeger speaks of the importance of community; peace, and art in the protection of the environment...NA

* Sharp, Malcolm, "Concessions for Survival", Bulletin of the Atomic Scientists, v29, n9, pp. 48-49, Nov. 1973, ERIC document # EJ088336, SE509773.

Discusses the threat of a race for first-strike capacity as a factor influencing the achievement of world disarmament. Indicates that the process of graduated unilateral disarmament would be better that that of first-strike capacity by leaving enough time for one side to take comparable action after completion of disarmament efforts by the other side. ERIC-CC

* Shore, Ferdinand J., "Commercial Nuclear Steam-Electric Power Plants, Part I", Physics Teacher, v12, n6, pp. 327-334, Sep. 1974, ERIC document # EJ107854, SE511850.

Presented is a discussion of the nuclear technology of the fission process as applied to commercial nuclear power plants. Included is a brief discussion of safety factors. ERIC-RH ERIC-RH

* Shore, Ferdinand J., "Commercial Nuclear Steam-Electric Power Plants, Part II", Physics Teacher, v12, n7, pp. 411-420, Oct. 1974, ERIC document # EJ109864, SE512326.

Presents the pros and cons of nuclear power systems. Includes a discussion of the institutional status of the Atomic Energy Commision (AEC), AEC regulatory record, routine low-level radiation hazards, transport of radioactive materials, storage of

wastes, and uranium resources and economics of supply. ERIC-GS

* Smith, H.A., "Laboratory Study of Airborne Fallout Particles and Their Time Distribution", American Journal of Physics, v47, n1, pp. 71-77, Jan. 1979, ERIC document # EJ196082, SE524076.

Samples of filtered airborne particulate, collected daily for the first month after the September 18, 1977 Chinese nuclear detonation, showed fourteen fission products. Fluctuations in the daily fallout activity levels suggested a global fallout orbit time of approximately twenty days. ERIC-BB

* Spinrad, Bernard, I., "America's Energy Crisis: Reality or Hysteria?", Bulletin of the Atomic Scientists, v27, n7, pp. 3-6, Sep. 1971, ERIC document # EJ042535, SE503878.

The American energy crisis is real in that our supples of fuel which can meet standards imposed on utility emissions are short, and their price is high. It is artificial in that many of the standards could be partially relaxed, and cheaper fuel used by utilities without significant public insult. "...Nuclear power from fission is our best bet." ERIC-AL

* Tamplin, Arthur R., "Issues in the Radiation Controversy", Bulletin of the Atomic Scientists, v27, n7, pp. 25-27, Sep. 1971, ERIC document # EJ042537, SE503881.

Examines the competing claims of "safe" radiation levels from nuclear power plants and analyzes some of the arguments used by protagonists and antagonists. Claims that the real question, "Why more power?" is becoming obscured. ERIC-AL

* Villa, Brian Loring, "A Confusion of Signals: James Franck, the Chicago Scientists and Early Efforts to Stop the Bomb", Bulletin of the Atomic Scientists, v31, n10, pp. 36-42, Dec. 1975, ERIC document # EJ130133, SE515345.

If the scientists working on the Manhattan Project had realized the consequences of the atomic bomb earlier, formulated their recommendations more precisely, and approached the statesmen in time, American policy on use and control of the bomb might well have been different. ERIC-BT

* von Hippel, Frank, "The Emperor's New Clothes -- 1981", Physics Today, v37, n7, pp. 34-38, 40-41, July 1981, ERIC document # EJ250258, SE529752.

Illustrates with three case histories, that outside peer review of public policy analysis is critically needed, is feasible, and can

have an important impact. These case histories are: 1) safety of today's commercial nuclear power plants; 2) necessity of plutonium breeder reactors; and 3) consequences of "limited" nuclear war. ERIC-SK

* Wallace, Bruce, "Commentary: Radioactive Wastes and Damage to Marine Communities", BioScience, v24, n3, pp. 164-167, Mar. 1974, ERIC document # EJ096796, SE510845.

Discusses the effects of radioactive wastes on marine communities, with particular reference to the fitness of populations and the need for field and laboratory studies to provide evidence of ecological change. ERIC-JR

* Weart, Spencer R., "Scientists with a Secret", Physics Today, v29, n2, pp. 23-30, Feb. 1976, ERIC document # EJ133520, SE515925.

Reveals the self-imposed censorship practiced by western scientists to keep sensitive information concerning nuclear fusion from Nazi Germany before and during World war II. ERIC-CP

* Weinberg, Alvin M., "Is Nuclear Energy Necessary?", Bulletin of the Atomic Scientists, v36, n3, pp. 31-35, Mar. 1980, ERIC document # EJ218489, SE526811.

A senior nuclear physicist examines the status of nuclear power in the 1980's, projects the future beyond 2030, and argues that the world cannot do without nuclear fission. ERIC-BT

* Wenner, Lettie McSpadden, and Wenner, Manfred W., "Nuclear Policy and Public Participation", American Behavioral Scientist, v22, n2, pp. 277-310, Nov-Dec 1978, ERIC document # EJ191441, SO506783.

Analysis of the voting patterns in six states on the 1976 initiatives for a moratorium on nuclear power plants. Demographic characteristics were found to be unimportant variables, while percentage of people enrolled in colleges and universities, percentage of land in farms, and relative cost of electricity were found to be important. Stresses importance of county-level data. ERIC-BC

* Westing, Arthur H., "Proscription of Ecocide", Bulletin of the Atomic Scientists, v30, n1, pp. 24-27, Jan. 1974, ERIC document # EJ090162, SE510232.

Discusses the devastating ecological impact of warfare and the traditional approaches to arms control. Indicates that international acceptance of an approach to preventing military ecocide is only possible by arousing world opinion to recognize the abhorren-

ce of any ecological destruction. ERIC-CC

* Young, H.J., "The Energy Opportunity: A View from an Electric Industry", Journal of Energy Education, v1, n1, pp. 20-23, Winter 1978. Available from Energy Information Associates Inc., P.O. Box 18076, Capitol Hill Station, Denver CO 80218. ERIC document # EJ195365, SO506884.

Stresses the rapid expansion of electric power use in the United States and contends that the current emphasis must be on expanding and generating capacity of electricity from coal and nuclear fuels. ERIC-KC

* Zeller, E.J. and others, "Putting Radioactive Wastes on Ice: A Proposal for an International Radionuclide Depository in Antarctica", Bulletin of the Atomic Scientists, v29, n1, pp. 4-9, 50-52, Jan. 1973, ERIC document # EJ069907, SE507732.

Describes need for creating permanent disposal of high-level radioactive wastes accumulating in different countries. Possibilities of establishing facilities for this purpose in Antarctic ice cap are examined. ERIC-PS

* Zinberg, Dorothy, "The Public and Nuclear Waste Management", Bulletin of the Atomic Scientists, v35, n1, pp. 34-39, Jan. 1979, ERIC document # EJ196817, SE523901.

Discusses the public's negative attitude towards nuclear energy development. Explains the perceptions for the nuclear waste disposal problem, and the concern for the protection of the environment. ERIC-GA

B. Books, Reports, and Pamphlets

** Adams, Ruth and Cullen, Susan, The Final Epidemic, Chicago: Educational Foundation for Nuclear Science, 1981.

A collection of articles on nuclear war by physicians and scientists organized under heading that reflects a view of nuclear war as the ultimate human disease: symptoms; causes; pathogenesis; prognosis; treatment. RHR

* American Petroleum Institute, Two Energy Futures: A National Choice for the 80's, American Petroleum Institute, Educational Services, 2101 L St. N.W., Washington D.C. 20037 (single copies free to educators), 184 pp., August, 1980, Eric Documents #ED196683, SE033609

Examined...is the future potential of oil, natural gas, coal, nuclear energy, synthetic fuels, and renewable energy resources. Among the related issues emphasized are environmental protection, access to federal lands, government policies, and the national benefits of reducing energy imports...ERIC -- WB

* American Psychiatric Association, Psychosocial Aspects of Nuclear Developments, 1700 18th Street N.W., Washington DC 20009.

Addresses psychosocial aspects of the arms race, US-USSR relations, terrorism, the accident at Three Mile Island for children, adolescents, and adults. Includes a review of the relevant literature. ESRB

Army Ordnance Center and School, Radiological Safety Handbook, AOCS, Aberdeen Proving Ground, MD, 835 pp., 1976, ERIC Documents #ED121409, SE020603.

Written to be used concurrently with the U.S. Army's Radiological Safety Course, this publication discusses the causes, sources, and detection of nuclear radiation. In addition, the transportation and disposal of radioactive materials are covered...ERIC -- CP

Atomic Energy Commission, Biological Implications of the Nuclear Age, AEC, Oak Ridge, Tennessee, 339 pp., 1969, ERIC Documents #ED041743, SE009003.

Reported are the proceedings of an interdisciplinary symposium on the effects on the biosphere of the release of radiation from the use of nuclear energy. Papers given include discussions of the use of radiosotopes in medicine, the benefits and possible consequences of peaceful applications of nuclear explosives, methods of estimating maximum radiation dose, data on radioactive pollution, and data on effects of radiation in man and animals...ERIC -- EB

* Baker, Joe G., and Olsen, Kathryn, Occupational Employment in Nuclear-Related Activities, 1981, Oak Ridge Associated Universities, Tennessee Manpower Development Division, April, 1982, 62 pp., ERIC Documents #ED216141, CE032124.

Employment in nuclear- and nuclear energy-related activities in 1981 was examined and compared to that in previous years. Survey instruments were returned by 784 establishments. Total 1981 nuclear-related employment was estimated to be 249,500 -- a growth of 22,600 (10%) workers over the 1977 total...ERIC -- YLB

* Barwis, Gail L., Interpreting the Atomic Age: Scientific News Coverage of the Atomic Bomb in Representative Newspapers and Magazines, Paper presented at the Annual Meeting of the Association for Education in

Journalism, 64th St., East Lansing, MI, 27 pp., August, 1981, ERIC Documents #ED203342, CS206372.

A study examined the coverage of the scientific aspects of the atomic bomb in four representative newspapers... and in 14 general mass circulation magazines in the time period immediately following the dropping of the bomb. ERIC -- AEA

* Beeferman, ed., Cambridge and Nuclear Weapons, Cambridge, MA: City of Cambridge, 1981, 10 pages.

This pamphlet, commissioned by the Cambridge Massachusetts City Council in reaction to their view of the State Civil Defense plan as misleading to the citizens of Cambridge, was distributed free to all Cambridge households. It outlines the devastation which would result from a nuclear attack and suggests that prevention is the only valid form of defence. The pamphlet has received a good deal of unsolicited publicity in the USA and abroad and, as a result, has been widely distributed. A concise, effective statement which could well serve as a model for other communities. ESRB

* Beres, Louis Rene, Nuclear Strategy and World Order: The United States Imperative, Institute for World Order, 777 United Nations Plaza, New York, NY 10017, 1982, 57pp, $2.00, ERIC Documents #ED216952, S0014016.

The current U.S. nuclear strategy goes beyond the legitimate objective of survivable strategic forces to active preparation for nuclear war...The strategy reflects the understanding that a combination of counterforce targeting, crisis location of urban populations, and ballistic missile defense could make nuclear war purposeful and tolerable... According to the author, Reagen administration strategy must be reversed and an alternative strategy pursued. The United States needs to seek a comprehensive test ban, renounce the first use of nuclear weapons, and institute additional weapon free zones. ERIC -- Author -- NE

* Boston Study Group, The Price of Defense, New York: Times Books, 1979. Order from The Nation, 72 Fifth Ave., New York City 10011. $4.95.

This book describes our weapons systems, explains why they "exceed military needs" and offers an alternative plan for reducing our military equipment without sacrificing adequate defence. ESRB

* Brannigan, Francis L., Living With Radiation. The Problems of the Nuclear Age for the Layman, Atomic Energy Commission, Washington, D.C., 1970, 71 pp., available from: Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, $0.70, ERIC Documents #ED052929, SE010597.

The text takes a practical approach to understanding of industrial radiation hazards...Discussion includes such topics as: uses which benefit mankind; radiation energy versus fission energy; effects of excessive radiation exposure; external versus internal radiation problems; air sampling techniques; containment procedures; contamination and radioactive decay; atomic fission process and control... and atomic fission criticality hazards and control... ERIC -- JG

Brodine, Virginia, and Bradford, Albert, Editors, Nuclear Explosives in Peacetime, A Scientists' Institute for Public Information Workbook, Scientists' Institute for Public Information, 30 East 68th St., New York, NY 10021, 1970, 32 pp., $2.00, ERIC Documents #ED040067, SE008735.

Discussed are the commercial uses of nuclear explosives as well as the testing of nuclear weapons. Case histories of the use of nuclear explosives to stimulate oil and natural gas production are examined, and problems associated with nuclear blasting are discussed with special reference to canal construction...ERIC -- EB

Bureau of Naval Personnel, Principles of Guided Missiles and Nuclear Weapons, Naval Personnel Program Support Activity, Washington, D.C., 1966, 370 pp. Eric Documents #ED070581, SE014139.

Fundamentals of missile and nuclear weapons systems are presented in this book which is primarily prepared as the second text of a three-volume series for students of the Navy Reserve Officers' Training Corps...Effects of nuclear weapons are also described in categories of air, surface, subsurface, underwater, underground, and high-altitude bursts as well as various kinds of damages and injuries... ERIC -- CC

** Calder, Nigel, Nuclear Nightmares, Penguin Books, 1979. $3.95.

A popular introduction to nuclear weapons and scenarios for the outbreak of nuclear war. CD

*** Caldicott, Helen, Nuclear Madness--What You Can Do, Autumn Press, 1978. 120 pages, $3.95.

Helen Caldicott's struggle against atmospheric testing: effects of radiation, description of fuel cycle, problem of waste disposal, danger of plutonium, arms race--mutual assured destruction, appeal for action. Simple and powerful introduction to the topic by a passionate opponent of nuclear power and weapons. ESRB

* Camden, Carl, and Martin, Janet, The political Communication of Strategic Nuclear Policy, paper presented at the Annual Meeting of the Eastern Communication Association, May, 1979, 25 pp., ERIC Documents

#ED172277, CS502526.

A study of the different perceptual frameworks of the major parties involved in strategic nuclear policy was conducted by examining the interaction between the Executive Branch, Congress, and the informed public...Results indicate that the three major groups have widely different priorities and perspectives on strategic policy...ERIC -- DF

* Campana, Robert J., Nuclear Power and the Environment: Questions and Answers, Revised, American Nuclear Society, 555 North Kensington Ave., La Grange Park, IL 60525, 1976, 122 pp., $4.00, ERIC Documents #ED166021, SE025928.

...The purpose of this document is to inform the public on the overall U.S. energy situation, in particular electricity generated from nuclear reactors and other sources...The authors are proponents of nuclear power and they have endeavored to present objective information in this publication. ERIC -- MB

* Clemens, Walter C., Jr., National Security and U.S.--Soviet Relations. Occasional Paper 26, Stanley Foundation, 420 East Third Street, Muscatine, IA 52761, 1981, 42 pp., free, ERIC Documents #ED209130, S0013678.

...The author explores the prospects for international security and advocates a number of policies which would benefit both societies...Specific steps that the United States can take to improve United States -- Soviet relations are suggested. The booklet examines relationships between the superpowers and the Third World...ERIC -- Author -- RM

* Congress of the US-Office of Technology Assessment, The Effects of Nuclear War--Summary, Congress of the US-Office of Technology Assessment, Washington DC 20510, 1980. 27 pages.

Government assessment of the short and long term effects of nuclear war, social and economic as well as physical. Avoids consideration of military effects but does examine full range of nuclear attacks from single weapon to full scale. Considers effect on US and USSR. Factual attempt to consider minimum effects. Powerful because US Government study. ESRB

* Department of Energy, Nuclear Taskforce Summation, prepared for the National Education, Business, and Labor Conference on Energy-Related Vocational and Technician Training, Employment and Public Energy Awareness, sponsored by the Department of Energy, Washington, D.C., 1979, 50 pp., ERIC Documents #ED168651, JC790234.

...Requirements for a nuclear taskforce and job training, in view

of current development rates, are running high... Before committing themselves to a nuclear program, school administrators and curriculum planners should consider the employer needs...relevance to industry pre-employment levels... convenient location to reactors...absorption of program costs... and public education to counteract adverse publicity..A list of instructional materials is included... ERIC -- MB

* Duda, Terrie, Radiation and Its Health Effects. AIO Red Paper #19, Americans for Indian Opportunity, Inc., Albuquerque, NM, 1980, 35 pp., ERIC Documents #ED216813, RC013364.

...Uranium mining and milling, an especially dangerous radiation-exposing activity, can be more safely pursued by using mechanical ventilation, isolation and diversion of the radiation source, air cleaning, respiratory protection, and job rotation...Research is still needed... ERIC -- LC

** Educators for Social Responsibility,
Primer on the Arms Race, 639 Massachusetts Avenue, Cambridge MA 02139.

A collection of articles giving background information on the arms race including a section on Starting a local chapter of Educators for Social Responsibility. ESRB

* Environmental Protection Agency, Questions and Answers About Nuclear Power Plants, EPA, Washington, D.C., available from: Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, 1973, 28 pp., $0.50, ERIC Documents #ED91171, SE017483.

This pamphlet is designed to answer many of the questions that have arisen about nuclear power plants and the environment...Topics include regulation of nuclear power sources, potential dangers to people's health, whether nuclear power is the answer to our power needs, potential alternate power sources and the locations of present nuclear power plants. ERIC -- JP

* Faulk, Richard A., Nuclear Policy and World Order: Why Denuclearization. World Order Models Project, Occasional Paper Number Two, Institute for World Order, Inc., 777 United Nations Plaza, New York, NY 10017, 1978, 36 pp., $1.50, ERIC Documents #ED160534, SO011225.

The monograph examines the relationship of nuclear power to world order. The major purpose of the document is to stimulate research, education, dialogue, and political action for a just and peaceful world order... ERIC -- DB

* Federal Emergency Management Agency, Home Blast Shelter, U.S. Government Printing Office, #H-12-3, July 1981. Available from: FEMA,

211 Main St., rm. 220, San Francisco, CA 94105.

Plans to build your own home blast shelter. "Protection is provided in an underground concrete shelter. The roof of the shelter can be used as an attractive patio." JB

* Federal Emergency Management Agency, Aboveground Home Shelter, U.S. Government Printing Office, #H-12-2, June 1980. Available from: FEMA, 211 Main St., rm. 220, San Francisco, CA 94105.

Another building plan for your own home blast shelter. "Protection is provided in an outside aboveground shelter. The shelter can be used as a tool shed or workshop." JB

* Fisher, Roger, and Ury, William, Getting to Yes, Houghton-Mifflin, N.Y., 1981.

An excellent book on the art of negotiating. ESRB

* Folley, Milo D., Design of Schools to Incorporate Fallout Protection, National Academy of Sciences, National Research Council, Washington, D.C., 1961, 7 pp., ERIC Documents #ED033533, EF002669.

Means are suggested by which a school district may incorporate low-cost fallout protection in a school construction program... The author also suggests consideration of a completely underground school, leaving only large span units such as gymnasiums and auditoriums above ground. ERIC -- RH

* Freeman, Leslie J., Nuclear Witnesses; Insiders Speak Out, New York, W.W. Norton. $5.95.

This book includes collected interview with sixteen people -- scientists, construction workers, technicians, bomb test veterans, and others whose nuclear experiences have led them to speak out. One person, for example, worked as a millwright on the Zimmer nuclear plant near Cincinnati. He was fired after warning a plant engineer about control rod defects. IAT

* Gofman, John, Radiation and Human Health, 850 pages.

A complete investigation of the evidence relating low-level radiation to cancer and other diseases. Much statistical information on human health. HS

** Goodwin, Peter, Nuclear War, The Facts of Our Survival, Rutledge Press, 1981. $5.95.

An excellent introductory textbook on nuclear weapons, their effects and the possibility of nuclear war. CD

* Groth, Alexander J. and Schultz, Howard G., Voter Attitudes on the 1978 California Nuclear Initiative Environmental Quality Series No. 25, Institute of Governmental Affairs, University of California, Davis, CA 95616, 1976, 71 pp. $3.50, ERIC Documents #ED164429, SO011451.

...Proposition 15 called for more stringent legislative regulation of the nuclear power industry...Findings indicated that confusion over the wording of Proposition 15 caused many voters (particularly opponents) to vote incorrectly in terms of their own preferences...the initiative was opposed by older, more conservative, and more affluent voters concerned with a high standard of living, and favored by younger, more liberal, less affluent and conservation-minded voters...ERIC -- KC

** Ground Zero Campaign, Nuclear War: What's In It For You?, Pocket Books, 1982. 272 pages, $2.95.

An educational resource for those interested in developing an informed perspective on the threat of nuclear war. Includes basic factual information and a representation of both sides of policy questions with analysis and interpretation. ESRB

*** Gyorgy, Anna (and friends), No Nukes - Everyone's Guide to Nuclear Power, South End Press. Box 68 Aston Station, Boston MA, 1979. 475 pages, $8.00.

This book puts together the problems of nuclear power in a very clear fashion. Using contributions from experts all over the world, No Nukes provides a thorough methodical overview of the nuclear issue. Contents range from descriptions of the inner workings of a nuclear power plant, to the rise of movements against them, to a survey of alternatives and an interesting section on U.S. regional and international reports on nukes around the world. Good cartoons. HS

Harris (Louis) and Associates, Survey II of Public and Leadership Attitudes Toward Nuclear Power Development in the United States. Study No. 2628, Louis Harris and Associates, Inc., New York, 1976, 176 pp., ERIC Documents #ED156454, SE024369.

This publication details a national survey done by Louis Harris and associates, similar to one done in 1975, to assess attitudes toward nuclear power in the United States...The first part was in-person door-to-door interviews with 1,597 randomly selected households nationwide. The second part was 309 interviews... with neighbors of nuclear power plants in three areas of the country. The third part was personal interviews with 214

political, business, environmental, and regulatory agency leaders in the nation...ERIC -- MR

* Hayes, Denis, Nuclear Power: The Fifth Horseman., Worldwatch Paper 6, Worldwatch Institute, 1776 Massachusetts Avenue, N.W., Washington, D.C., 20036, 1976, 69 pp., $2.00, ERIC Documents #ED162850, SE025178.

This publication is the sixth in a series of papers on global environmental issues. This paper evaluates the future of nuclear power, subjecting it to several tests...This paper suggests that nuclear power may not only be usafe but uneconomical. Among other examples are several cases of near catastrophic nuclear accidents of which the public was told nothing until the critical periods had passed. ERIC -- MR

** Heilbron, J.L., Seidel, Robert W., and Wheaton, Bruce R., Lawrence and His Laboratory: Nuclear Science at Berkeley 1931-1961, Office for History of Science and Technology, University of California, Berkeley, CA 94720, 1981, 106 pp., $3.00.

This historical account begins with the development of the concept of particle accelerators by Earnest O. Lawrence, and traces the evolution of these machines and their uses. The effort begun by Lawrence now compromises two major laboratories which employ thousands of individuals and conduct a wide range of projects in basic nuclear physics research, radioisotope production, nuclear power generation, and weapons development. CIS

** Hersey, John, Hiroshima, Bantam Books, 1946. $2.25.

A classic journalistic account, first published in The New Yorker magazine in 1946, on the dropping of the A-bomb on Hiroshima and the events which followed, told in terms of the daily lives of the survivors.

* Hidankyo, Nihon, Ed., Hibakusha, The Confederation of A- and H- Bomb Sufferers Organization, S-31-7 Shinbashi Minatoku, Tokyo, Japan 105.

Describes the efforts of the Japanese and the Hibakusha (survivors) to recover from the effects of the bombings and work for peace. ESRB

** Hiroshima Survivors, Unforgettable Fire, Pantheon books, 1977. $7.95.

Drawings and paintings by survivors of the A-bomb in Hiroshima, collected thirty years after the event. This book was published as a reminder of the horror of August 6, 1945, and as an appeal to the world not to allow another "Hiroshima." ESRB

* Hopman, P. Terrence, and Walcott, Charles, Trends in International Persuasion: Persuasion in the Arms Control Negotiations, Paper presented at the Annual Meeting of the Central States Speech Association, Minneapolis, 1973, 46 pp., ERIC Documents #ED078462, CS500304.

An analysis of the bargaining process in international arms control negotiations is possible by developing a framework of interrelated hypothese, by delineating and practicing interactions study called "Bargaining Process Analysis", and by formulating procedural steps that bridge the gap between laboratory studies and "real world" situations...ERIC -- CH

** Ibuse, Masuji, Black Rain, translated from Japanese by John Bester, Kodansha International Ltd., 1969. $4.95.

This novel, first published in 1969, is about a family who lived through Hiroshima in 1945. Their day-to-day concerns as they struggle with the aftermath of the bomb give a vivid picture of this period in the lives of local people. The novel was reported in the Japan Times as "warm, understanding," with "a keen sense of humor and a great compassion that lifts the story above the plane of a mere documentary into the realm of true literature." ESRB

* Institute for World Order, Denuclearization for a Just World: The Failure of Non-Proliferation, IWO, 777 United Nations Plaza, New York, NY 10017, 1980, 9 pp., ERIC Documents #ED195453, SO012733.

...Described as a declaration prepared by a group of concerned scholars and open for signiture by concerned individuals throughout the world, the document is part of a project committed to encouraging research, education, dialogue, and action for a more just world order. Instances in which nuclear nations have endangered world peace are identified... a five-part program is recommended...ERIC -- DB

* Irwin, Wallace, Jr., Editor, Salt II: Toward Security or Danger? A Balanced Account of the Key Issues in the Debate, Foreign Policy Association, Inc., 345 East 46th St., New York, NY 10017, 1979, 32 pp., $2.00 plus $0.50 mailing, ERIC Documents #ED171633, SO011733.

Facts and controversial issues concerning SALT II (Strategic Arms Limitations Talks) are examined. The intent of the document is to enable non-specialists in military/strategic matters to arrive at their own conclusions...ERIC -- KC

* Issraelyan, Victor L., and Flowerree, Charles C., Radiological Weapons Control: A Soviet and US Perspective. Occassional Paper 29, Stanley Foundation, 420 East Third Street, Muscatine, IA 52761, 1982, 33 pp., ERIC Documents #ED212208, SO014166.

Two international diplomats from the Soviet Union and the United States focus on the need for a treaty to ban the use of radiological weapons....Such devices include both weapons and equipment, other than a nuclear explosive, designed to cause destruction or injury by dissemination of radioactive material...ERIC -- Author -- RM

* Johansen, Robert C., The Disarmament Process: Where to Begin, Institute for World Order, 1140 Avenue of the Americas, New York, NY 10036, 1977, 21 pp., free except for postage and handling, ERIC Documents #ED142486, S0010189.

...Intended as a guide for peace activists, the booklet identifies 13 issues that hold promise for leading toward a disarmed world...ERIC -- Author -- DB

* Johansen, Robert C., Toward a Dependable Peace: A Proposal for an Appropriate Security System, Institute for World Order, 777 United Nations Plaza, New York, NY 10017, 1978, 61 pp., $1.50, ERIC Documents #ED157850, S0011083.

This booklet proposes that citizens and governments think imaginatively about national and international security and take action for comprehensive arms reductions...ERIC -- Author -- DB

* Johansen, Robert C., Illusion and Reality. World Order Models Project. Working Paper Number Nine, Institute for World Order, 777 United Nations Plaza, New York, NY 10017, 1979, 19 pp., $1.50, ERIC Documents #ED184922, S0012437.

The document discusses miscalculations by public officials, arms control experts, journalists, and the general public regarding the Strategic Arms Limitations Talks; assesses the Salt II treaty; and suggests criteria for appraising Salt II...ERIC -- Author -- DB

** Kaikan, Heiwa, Hiroshima, Nagasaki - A Pictoral Record of the Atomic Destruction, 1-4-9 Shiba, Minato-ky, Tokyo, 105 Japan.

Large pictoral volume of the aftermath of the bombings. Powerful. ESRB

* Kalin, Steve, Access to NRC Records, Freedom of Information Center, Columbia, MO, 1979, 7 pp., ERIC Documents #ED175074, CS502614.

This report from the Freedom of Information Center outlines the kinds of reports that are available from the Nuclear Regulatory Commission (NRC)...where the records are available, other sources of material on nucelar energy issues, and the organization of the NRC. Copies of forms used by the NRC are appended. ERIC -- TJ

* Katz, Arthur, Life After Nuclear War, Ballinger Publishing Co., Cambridge, MA, 1982. $27.50 hardcover.

A comprehensive analysis of the economic and social impacts of nuclear attacks on both the United States and the Soviet Union. Includes both "limited" and "all out" attack scenarios, as well as the ability of civil defense to limit damage. Excellent charts and graphs. Extensive bibliography. Its cost limits its utility as a textbook (a paperback edition is forthcoming), but it is an invaluable resource for instructors. CD

* Kincade, William H., and Porro, Jeffrey D., Negotiating Security, Carnegie Endowment for Peace, 1979. $11.00.

A comprehensive reader containing articles by leading experts on nuclear weapons and their arms control implications. CD

* Lens, Sidney, The Day Before Doomsday, Boston:Beacon Press, 1977. 274 pages, $5.00.

Sidney Lens writes a history of US nuclear arms from Hiroshima to the administration of Gerald Ford. Lens details those occasions in which the US government has considered the use of nuclear weapons since Hiroshima-Nagasaki, and calls for popular mobilization to reverse the drift towards doomsday. ESRB

** Livermore Action Group Handbook Collective, Livermore Weapons Lab Blockade/Demonstration Handbook, available from Livermore Action Group, 3126 Shattuck Ave., Berkeley, CA 94705. 64 pages, $1.00.

This handbook was produced for the June 21st non-violent civil disobedience at Lawrence Livermore Laboratory where over 1300 people were arrested. It contains background information on LLL, one of the country's two nuclear weapons design facilities, both managed by the University of California. It also includes information on the process for these direct action campaigns, consensus decision-making, non-violence, feminist process, and affinity groups. Provides a good look at an example of active peaceful resistance to nuclear weapons and energy and some of the principles that make it a practicing alternative to militarism and hierarchy. SJS

** Lovins, Amory, Soft Energy Paths.

Excellent comparative analyses of various energy sources, including nuclear, fossil fuel and solar. Comparisons are made of economic, social, and technological considerations. One of the originators of the terms "hard" energy systems and "soft" energy systems. ADG

*** Lovins, Amory and Lovins, Hunter, Energy/War, San Francisco, Friends of the Earth, 1980.

A brilliant analysis of the direct relationship between nuclear energy and nuclear war. Contains technical information. RMF

* Mamontov, Vassili, Disarmament -- The Command of the Times, Progress Publishers, Moscow, 1979, available from The Book Center, 518 Valencia St., SF, CA 94110, $4.00.

A detailed description of the Soviet position on disarmament and strengthening international security. Mamontov blames US imperialism for the effects of the arms race since WWII. MD

* Marin County Board of Supervisors and The Department of Health and Human Services, The Nuclear Threat to Marin County; A Prevention and Source Document, Marin County Board of Supervisors, Suite 315, Civic Center, San Rafael, CA 94903, 20 pages, $1.00.

This report describes what would happen to Marin County if a single 20 megaton nuclear weapon were dropped on San Francisco. Very specific scenario is presented, referring to actual places, hospitals, etc. all in Marin County. Includes list of numerous incidents involving human and technical errors which have placed us very near to the possibility of nuclear attack. Ends with section on "What We Can Do". Personalizes nuclear war for those who live in Marin County. JB

** Mattes, Kitty Campbell, In Your Hands, A Citizen's Guide to the Arms Race, Parents for Peace, 140 West State St., Ithaca, NY. 48 pages.

A short paperback giving the history of the nuclear arms race since 1945, accounts of test bans, economics and possibilities for the future. A strong, informative anti-armaments statement. ESRB

* Mazrui, Ali A., The Barrel of the Gun and the Barrel of Oil in North-South Equation. Working Paper Number Five, Institute for World Order, 777 United Nations Plaza, New York, NY 10017, 1978, 30 pp., $1.50, ERIC Documents #ED166105, S0011486.

Current trends in armaments and militarism in the third world countries must be assessed against a background of imperialism and in relation to the tendency to use nuclear power for peaceful ends and oil power for militaristic ends...ERIC -- Author -- KC

* Nash, Hugh (ed.), Progress as if Survival Mattered, A Handbook for a Conserver Society, San Francisco: Friends of the Earth, 1977, (second edition 1981).

A comprehensive and informative collection of articles on most major world issues of health, environment, education, economics, etc., as they relate to tensions and conflicts of scarcity. Illustrated. RMF

** Nuclear Information and Resource Service, Nuclear Weapons - Information Packet, NIRS, 1536 16th St. NW, Washington, DC 20036, 1981. 128 pages.

A collection of articles and reports concerned with nuclear issues. Chapter headings include: Nuclear Power and Weapons; Nuclear Weapons Facilities; The Economics of Weapons; The Weapons; The European Theatre; Disarmament; Nuclear War and Its Victims; Safety and Sabotage. Includes a list of contact organizations who produce resources on disarmament issues and a bibliography. An excellent information packet to have. JB

* Nuclear Weapons Facilities Project, Makers of the Nuclear Holocaust, A Guide to the Nuclear Weapons Complex and Citizen Action, Nuclear Weapons Facilities Project, Box 271, Nyack, NY 10960, 1981. 24 pages.

An informed account of the production and development of nuclear weapons; sections on testing, transportation, deployment; suggestions for conversion to a civilian economy. Useful technical information on the industry, its actual and potential effects. ESRB

* Ohio State University, Ohio Arms Control Study Group: Workshop I, June 24-28, Summary of Proceedings, OSU, Mershon Center, Columbus, OH, 1976, 16 pp., ERIC Documents #ED146116, S0010486.

The booklet summarizes proceedings of a conference...on the topic of United States -- USSR relations and the influence of nuclear weapons upon international behavior and strategic thought...ERIC -- AV

* Physicians for Social Responsibility, Civil Defense in the 80's: Key Aspects of the Debate on Civil Defense, 639 Massachusetts Avenue, Cambridge MA 02139. 1982.

A collection of articles presenting an overview of the current debate on civil defense. ESRB

** Read, Herbert, Education for Peace, New York: Scribners and Sons, 1949.

The outstanding British art critic and thinker looks at the spirit of an individual's growth through the schools and suggests some essential basic modifications of that system. RMF

* Sawyer, Thomas M., Mass Media and the Debate about Nuclear Power, Paper presented at the Annual Meeting of the Conference on College Composition and Communication, Washington, D.C., 1980, 13 pp., ERIC Documents #ED184144, CS205471.

Many factors contribute to the difficulties the media have in dealing with science, engineering, and technology. These difficulties were pointed up in the media coverage of the March 1979 accident at the Three Mile Island nuclear plant, which reflected confusion and lack of understanding and which combined with other factors...to arouse unjustified public fears of nuclear power plants...ERIC -- GT

** Seaborg, Glenn T., Kennedy, Khruschev, and the Test Ban, University of California Press, Berkeley, 1981, 320 pp., $16.95 hardback.

As Director of the Atomic Energy Commission from 1961 to 1971, Seaborg presents an insider's view of the negotiations surrounding the first limited nuclear test ban treaty among the nuclear powers, an explains why a comprehensive test ban was not achieved in the 1960's. Insightful and sobering view of nuclear arms diplomacy. CIS

*** Schell, Jonathan, The Fate of the Earth, Alfred A. Knopf, New York, 1982, 244 pp., $11.95 hardback.

A well-documented, forceful presentation of the potential consequences of nuclear war. Especially memorable is Schell's arguments for the urgency of disarmament in light of the possibility of extinction of plant and animal life following a nuclear exchange. CIS

** Schumacher, E.F., Small Is Beautiful, New York: Harper and Row, 1973.

This is the classic on the economics of size and their inevitable product of war. RMF

* Sharp, Dr. Gene, Making the Abolition of War a Realistic Goal, Institute for World Order, 777 United Nations Plaza, New York, NY 10017, 1980, 14 pp.

This tightly reasoned essay offers valuable descriptions of the nature of war, the meaning of defense and the circumstances under which a "civilian-based defense" would be a practical, preferable alternative to defense based on military force and the use of violence. Dr. Sharp offers a credible account of the process whereby civilian, non-violent defense could be adopted first in conjunction with and then as a replacement of military means of deterrence and defense. ESRB

** Sivard, Ruther Leger, World Military and Social Expenditures, 1981, Order from: World Priorities, Inc., Box 1003, Leesburg, VA 22075. 44 pages, $4.00, $2.50/copy for 25 or more.

A world-wide statistical picture of military and social expenditures-- alliance by alliance, area by area; charts, tables, maps; treaties to control nuclear weapons; action/reaction in nuclear competition; alternatives: public action, proposals, etc. This is an annual accounting of the use of world resources for social and military purposes. A wealth of objective information clearly presented. Excellent. ESRB

* Stanley Foundation, Multilateral Disarmament and the Special Session, Twelfth Conference on the United Nations of the Next Decade, San Juan del Rio, Mexico, available from: Stanley Foundation, 420 East Third Street, Muscatine, IA 52761, 1977, 56 pp., ERIC Documents #ED148667, S0010532.

The report discusses issues relating to multilateral disarmament in the context of the Special Session of the United Nations General Assembly to be convened in 1978... ERIC -- Author -- DB

* Stanley Foundation, The Multilateral Disarmament Process, Sixteenth Conference on the United Nations of the Next Decade, Warwick, Bermuda, available from: Stanley Foundation, 420 East Third Street, Muscatine, IA 52761, 1981, 68 pp., free, ERIC Documents #ED210205, S0013613.

...The conference was an informal, off-the-record exchange of ideas and opinions among 24 diplomats and scholars from 18 countries and two international agencies. Participants considered current disarmament mechanisms and procedures, and explored new approaches to this issue...ERIC -- Author -- RM

* Stanley, C. Maxwell, Multilateral Disarmament: Conspiracy for Common Sense. Occasional Paper 31, Stanley Foundation, 420 East Third Street, Muscatine, IA 52761, 1982, 39 pp., free, ERIC Documents #ED218209, S0014167.

This paper outlines the danger of continuing the conventional and nuclear arms races and offers alternatives to ensure both peace and security. ERIC -- RM

* Stockholm International Peace Research Institute, Armament or Disarmament? The Crucial Choice, SIPRI, 1978, 32 pages.

This clear, brief but informative overview of world investments in advanced weapons of mass destruction, of the social, economic and environmental costs of this arms race and of past achievement and future prospects for arms control can serve as a useful introduction to a consideration of the question posed in its title. Good

graphs and diagrams. ESRB

*** Thompson, E.P. and Dan Smith, Protest and Survive, Monthly Review Press, NY, 1981. 216 pages, $4.95.

A broad spectrum of opinion and information on the dangers inherent in US military and foreign policy and the nuclear confrontation between Washington and Moscow that threatens all of us. It especially calls attention to the Pentagon plans for a "theatre" nuclear war, with Europe as its missile base and consequently as its proxy target. ESRB

The introduction by Daniel Ellsberg is a "Call to Mutiny" for people to actively resist U.S. foreign policy based on nuclear blackmail and terrorism. SJS

* Tsipis, Kosta; and others, Nineteenth Strategy For Peace Conference Report, Stanley Foundation, 420 East Third Street, Muscatine, IA 52761, 1978, 91 pp., ERIC Documents #ED173186, S0011402.

The document presents six Strategy for Peace Conference reports prepared by 94 participants who are leaders in government and the professions throughout the United States... ERIC -- KC

* US Office of Technology Assessment, The Effects of Nuclear War, U.S. Office of Technology Assessment, 1981. $6.50.

An authoritative description of the short- and long-term consequences of limited and unlimited nuclear war. CD

** USSR Ministry of Defense, Whence the Threat to Peace, Novosti Press Agency Publishing, 1982, available at The Book Center, 518 Valencia St., SF, CA 94110, $0.95 without charts, $1.95 new addition with charts.

A Russian point of view of the US military and the balance of power. MD

* UN Center for Disarmament, Fact Sheets, UN Center for Disarmament, New York NY 10017.

Fact Sheet No. 15. "South Africa's Plan and Capability in the Nuclear Field" (1978) is a 5-page summary which describes United Nations concern about So. Africa's policy of apartheid and its nuclear activities. It is one of the largest uranium producers and capable of producing nuclear weapons. However, there is no conclusive evidence for or against the September 22, 1979, nuclear explosion in the Kalahari desert. Brief and factual. ESRB

Fact Sheet No.17. "Disarmament". Summary of Comprehensive Study

on Nuclear Weapons. 1978, 9 pages. Excellent brief outline of development of nuclear weapons, their effects, theory of deterrence, and need for disarmament. ESRB

Fact Sheet No.18. "Disarmament Week". UN, 1981. 10 pages. Good little booklet on ways to use Disarmament Week (October 24) to promote peace. ESRB

Fact Sheet No.16. "Disarmament". UN, 1980. 10 pages. One of series about the role of the UN in promoting disarmament. ESRB

* UN Department of Public Information, Final Document: Special Session of the General Assembly on Disarmament, UN Department of Public Information, New York 10017, 1978.27 pages, free.

Comprehensive outline of need for and steps towards achieving disarmament. Nuclear disarmament a priority. Stages: 1) cessation of improvement of weapons; 2) cessation of production; 3)progressive reduction of stock piles. Nuclear free zones: a positive step. Need to reduce armament spending and increase social and economic spending. Non-governmental bodies important in education process. Format: monotonous. ESRB

* Union of Concerned Scientists, The Threat of Nuclear War: Briefing Manual, 1384 Massachusetts Avenue, Cambridge MA 02138.

Presents articles and excerpts providing background data on nuclear war, weapons, policy, and strategy particularly for planning educational activities. ESRB

* United Nations, Nuclear Weapon-Free Zones, United Nations, NY, 1977. 27 pages, free.

Lists treaties banning nuclear weapons: Antantic Treaty, 1959, Outer Space Treaty, 1966, Seabed and Ocean Floor, 1972, and Latin America (Tlatelolco), 1967. Other Proposals: Polish proposal for Europe, Africa, Middle East, and South Asia. Useful information on position of limited achievement. ESRB

Chapter 2 PSYCHOLOGY AND TEACHING METHODS

** Abrams, Schmidt, Hoskins, Klein, Handling Conflict and Aggressive Behavior in the Classroom, Portland, ME: J. Weston Walch, 1977. 31 pages.

Audience: teachers of elementary - high school. Geared toward teacher and her/his methods; teacher self-assessment; how to deal with conflict--inevitable and sometimes positive-- and aggression; humanistic education. ESRB

** Beardslee, William and Mack, John, "The Impact on Children and Adolescents of Nuclear Developments", Report of the Task Force on Psychosocial Aspects of Nuclear Developments Washington: American Psychiatric Association, 1981. pp. 64-93.

Audience: adults. Results of a survey of student attitudes on nuclear issues between 1978 and 1980. Among the conclusions: "Our strongest finding, we feel, is a general unquiet or uneasiness about the future and about the present nature of nuclear weapons and nuclear power. There is particular uncertainty and fear about nuclear war or the limiting of such a war should it occur, and the possibilities of survival." RHR

* Boulding, Elise, "Education for Peace", Bulletin of the Atomic Scientists, v38, n6, pp. 59-62, Jun 1982, ERIC document # EJ263661, SE531443.

Audience: adults. Discusses the increasing trend to use violence and military action as responses to conflict rather than arbitration and other peaceful means, the role of different educational institutions in conflict resolution (military, federal, peace and conflict resolution), and the need for a federal peace academy for the United States. ERIC-DC

* Burns, Robin, "Development Education and Disarmament Education", Quarterly Review of Education, v11, n2, pp. 123-37, 1981, ERIC document # EJ251621, SO509143.

Audience: educators. Discusses development education as an educational process aimed at preparing people for participation in change and examines the implications for disarmament education. Development education is interpreted to include adult literacy educaton as well as a system of spreading basic concepts and encouraging and developing local initiatives. ERIC-DB

* Byers, Freeman, Halpern, Landor, Integrated Curriculum; The Study of Individual Culture; and Creating Peace, Conservation Press, 2526 Shattuck Ave, Berkeley CA 94704, 1981. 200 pages, $7.50.

Audience: teachers of elementary - high school. This book contains a collection of three working papers on classroom methods from the

Institute of Child and Society, Sonoma State University, Department of Education. Prepared for the Berkeley Lectures on Concepts of Peace, these papers address: the integrated curriculum; personal culture and learning motivation; and psycho-social alienation and the military economy. RMF

* Cappelluzzo, Emma, "Nuclear Power and Educational Responsibilities", Phi Delta Kappan, v61, n1, pp. 47-49, Sept. 1979, ERIC document # EJ206304, EA511556.

Audience: teachers of elementary - secondary. The schools must deal with the implications of nuclear power -- in unbiased, concrete, clear ways. They must be in the forefront of knowledge dissemination about nuclear power. ERIC-IRT

* Dougherty, James E., "Nuclear Weapons, Psychology and International Relations", Intellect, v104, n2374, pp. 520-22, Apr. 1976, ERIC document # EJ145832, AA523531.

Audience: adults. Fear of nuclear energy, nuclear weapons, and nuclear war is widespread among the peoples of the world. However, to what extent do the fears (both rational and irrational) of policy-making elites and political masses produce actual effects upon the behavior of governments (who after all, controls the use of nuclear weapons)? ERIC-RK

** Escalona, Sibylle, Children and the Threat of Nuclear War Child Study Association of America, 1962.

Audience: parents and educators. This classic pamphlet, unfortunately no longer in print, has been updated and republished as an article in Education for Peace; Focus on Mankind, ASCD 1973. Ms. Escalona discusses, from a developmental point of view, children's anxieties about the world situation and offers suggestions about how parents and teachers can help children deal with their anxieties. ESRB

** Erickson, Erik, Toys and Reasons, New York: Norton, 1977.

Audience: parents and educators. The pre-eminent psychological thinker of the modern era looks at the development of the "playing" with weapons by children and adults. RMF

* Feldman, Dede, "Edison Electric, Exxon Push Nuclear Power in Nation's Classrooms", Edcentric, v42, pp. 4-6, Spr. 1978. ERIC document # EJ183644, HE510162.

Audience: elementary - secondary educators. Pro-nuclear power "educational materials" designed or promoted by energy and utility companies lack objectivity about alternative energy resources. A free comic book distributed to public schools at the expense of utility cus-

tomers is described. ERIC-SW

* Freeman, Robin, Aesthetics, Ethics, and the Nature of Good, 16 page essay, available from: The Consevation Press, 2526 Shattuck Ave. Berkeley CA 94704, $3.50.

A concise, philosophic argument for the social implications of subjectivity in a world held hostage by the unyielding authority of a misunderstanding of objectivity. Such an investigation into philosophic assumptions seems timely and necessary in the nuclear age. RMF

* Fry-Miller, Kathleen, "Energy Education: Responding to the Nuclear Power Controversy", Young Children, v37, n4, pp. 3-11, May 1982, ERIC document #EJ262067, PS511242.

Audience: early childhood educators. Discusses problems associated with the use of nuclear power as a source of energy. Sources of exposure to radiation, the effects of exposure to radiation on children's health, and safe alternatives to nuclear power that can be taught to children are among the topics addressed. ERIC-RH

** Glendinning, Chellis, "Telling Our Nuclear Stories", Fellowship, 1981 (December), pp. 4-7.

Audience: high school to adult. Points out the value of breaking the taboo against talking about personal feelings and personal history with regard to nuclear weapons. Includes guidelines for conducting group discussions on the subject. RHR

* Guy, J.J., "X-Ray Diffraction: Solving the Structure", Education in Chemistry, v15, n4, pp. 126-30, July 1978, ERIC document # EJ191225, SE522760.

Audience: high school teachers. The purpose of this article is to explain, in simple terms the difficulty students have in a British sixthform course in proceeding from X-ray photograph to molecular structure. ERIC-HM

** Haavelsrud, Magnus, ed. Education for Peace: reflection and action, IPC Science and Technology Press, England, 1976. 407 pages.

Audience: adult. A volume of essays arising from the first World Conference of the World Council for Curriculum and Instruction (WCCI) held in England in 1974 on the subject of peace education. There are contributions from many countries, some theoretical discussions and others geared towards practical programs. The interest of the book lies in its international focus which gives perspective to the problems of peace education, but it leaves the reader wondering what the follow-up was, whether the programs were actually carried out, and whether they were reported on in a further volume, after the next conference. ESRB

* Henderson, George, ed. Education for Peace, Focus on Mankind, Association for Supervision and Curriculum Development, Washington DC, 1973. 235 pages.

Audience: educators. A book which informs and prods educators towards becoming more effective teachers of peace. Prose, literature, and statistics awaken the teacher to the need for political education. Chapters are diverse and informative and provide direction. View of children is developmental. Comment: important, informative, passionate. ESRB

* Hutchins, C.L. and others, A Study of Alternatives for Disseminating Knowledge and Planning for Civil Defense Education Among School Age Children -- 12-14 Years. Final Report, available from: Far West Laboratory for Educational Research and Development, San Francisco, CA, Nov. 1972. 84 pages. ERIC document # ED175864, SP014788.

Audience: educators. Study sponsored by the Department of Defense. A description is given of alternative goals and plans for introducing a program for civil defense readiness in grades 7-9. This program is designed to train young people in survival skills for disasters, both natural and man-made. While emphasis is placed on children at the junior high school level, an outline is provided for extending such training to students of kindergarten through high school age. Sample curricula for coping with different types of emergencies are described. ERIC-JD

* Jester, W.A. and others, "Nuclear Concepts and Energy Resources Institute: A Unique Approach to Public Education", Journal of Chemical Education, v59, n4, pp. 301-02, Apr. 1982, ERIC document # EJ262327, SE531310.

Audience: high school educators. Describes a four-week program to prepare Pennsylvania high school science teachers to teach a course in nuclear science. Includes program content and organization and the name/address of contact person for teachers interested in participating in the 1982 session. ERIC-SK

** Lifton, Robert Jay, Death in Life, New York: Random House, 1967.

Audience: high school to adult. This historic study was the first to describe the experience of the survivors of the nuclear attack on Hiroshima. Lifton uses the term, psychic numbing, to describe the loss of the capacity for emotional response that the survivors experienced after the attack. This term has since come to be applied to anyone who suffers such a loss in the face of the prospect of a nuclear catastrophe. RHR

** Lifton, Robert Jay, Boundaries, New York: Simon and Schuster, 1967.

Audience: high school to adult. Discusses various psychological issues in modern culture, including responses to nuclear weapons and the impact

on youth of uncertainty about the future. RHR

** Lifton, Robert Jay, The Broken Connection, New York: Simon and Schuster, 1979.

Audience: adult. A technical psychiatric discussion of the human response to death and death imagery. It includes chapters on the formation of responses to death in childhood and adolescence, on the impact of the threat of nuclear war on personal psychology and on nuclearism, the religion-like pursuit of nuclear technology as a means for transcending the fear of death. RHR

*** Lifton, Robert Jay, "The Prevention of Nuclear War", Bulletin of the Atomic Scientists, 1980 (October), pp. 38-43.

Audience: high school to adult. A concise presentation on the experience of Hiroshima survivors, psychic numbing, and the way that nuclear weapons undermine the human quest for meaning and continuity beyond personal death. RHR

** Mack, John E., "Psychosocial Effects of the Nuclear Arms Race", Bulletin of the Atomic Scientists, 1981 (April), pp. 18-23.

Results of a survey of students on nuclear issues and a discussion of the attitudes and assumptions among American military strategists regarding whether a nuclear war is "thinkable" or "unthinkable". RHR

*** Macy, Joanna Rogers, "How to Deal With Despair", New Age Magazine, 1979 (June), pp. 40-45.

Audience: high school to adult. This ground-breaking article reprinted in over 30 publications, shows how apparent apathy on the nuclear issue really is a mask for feelings of despair and deep caring about the threat to life. It also discusses how to work through that despair. RHR

* Marko, George F., Civil Defense: An Analysis of Attitudes and Knowledge, Aug. 1968. 60 pages, ERIC document # ED036741, AC006536.

Audience: adult. This masters thesis aimed a constructing, validating, and testing two instruments, one of which measured attitude change toward Civil Defense adult education, and one which measured level of knowledge about Civil Defense practices. It also attempted to evaluate the effectiveness of the Personal and Family Survival (PFS) in terms of attitude change and knowledge gained on the part of selected participants. Results showed that the PFS course was not necessary to bring about favorable attitudes towards Civil Defense education. ERIC-NL

* Markusen, Eric and others, "1980 Rabinowitz Essay: A Nuclear Education Campaign", Bulletin of the Atomic Scientists, v37, n5, pp. 39-42, May 1981, ERIC document # EJ246326, SE529534.

Proposes an educational campaign that: 1)provides opportunities for citizens to learn about facts and issues relating to nuclear war; 2)stimulates the search for national security policies likely to lead to nuclear war; and 3)generates a political will to initiate social changes that eliminate threats of nuclear war. ERIC-CS

** Melamed, Elissa, "Reclaiming the Power to Act", Fellowship, 1982 (April/May). pp. 6-8.

Audience: high school to adult. Discusses the psychological impact of facing the threat to the survival of our species. RHR

* National Council on Radiation Protection and Measurement, Radiation Protection in Educational Institutions. Recommendations of the National Council on Radiation Protection and Measurements, available from NCRP Publications, P.O. Box 4867, Washington, D.C. 20008, July 1966. 62 pages, $0.75. ERIC document # ED029469, EF003211.

Audience: high school - college science teachers. The problems involved when radiation-producing devices of our contemporary technology are used in the teaching of science at the high school and undergraduate college level are discussed. Information is provided on the hazards involved in the use of radiation- producing equipment or radioactive materials in science demonstrations and experiments and on the means of protection available to offset these hazards. Specific sections included discuss the following topics -- 1)biological considerations, 2)typical radiation sources used in schools, 3)basic principles of radiation protection, and 4)the radiation protection program. ERIC-RK

* Network to Educate for World Security, The Elements of a Network to Educate for World Security, available from Network to Educate for World Security, 777 United Nations Plaza, New York, NY 10017, 1980. 63 pages, $3.00. ERIC document #ED201559, SD013306.

Audience: adults. This publication examines efforts to educate for peace and disarmament. ERIC-RM

** Nutting, Jeff, Bomb Culture, New York: Delacorte, 1968.

Audience: high school to adult. Relates the generation gap to whether an individual became conscious of nuclear weapons before of after adolescence. RHR

* Office of Civil Defense, Government in Emergency. Suggestions for Including

Civil Defense Principles in the Social Studies Curriculum, Grades 1-12, May 1970. 117 pages, ERIC document # ED059115, SO002121.

Audience: teachers of primary - high school. Another Department of Defense handbook on teaching "survival skills" for civil defense emergencies. ERIC-DJB

* Reardon, Betty, A Preliminary Study of the Obstacles to the Status of and Potential for Education for the Promotion of Disarmament. Seminar on the Obstacles to Disarmament and the Ways of Overcoming Them, (3-7 April 1978), published by United Nations Educational, Scientific and Cultural Organization, Paris, France, April 1978. 117 pages, ERIC document # ED161789, SO011249.

Audience: educators. This booklet assesses the present status of education for the promotion of disarmament in various grade levels and learning environments throughout the world. It identifies and recommends ways to make disarmament education more effective. ERIC-DB

* Reardon, Betty, "Disarmament and Peace Education", Quarterly Review of Education, v8, n4, pp. 395-405, 1978.

Audience: elementary - high school educators. Questions of disarmament and the legitimacy of the nation-state system should be the core of peace education and should comprise a major aspect of citizenship educaton. The approach to peace education should be cognitive and affective, intellectual and political, and should be initiated in the early elementary years. ERIC-KC

** Rogers, Rita, "On Emotional Responses to Nuclear Issues and Terrorism", Psychiatric Journal of the University of Ottawa 1980, Vol.5, No. 3 (September). Also reprinted in Evolutionary Blues, 1981, Vol.1, No.1 (Summer/Fall), pp. 48-53. (P.O. Box 4448, Arcata, CA 95521).

Audience: high school to adult. Compares the intense responses people have on the issue of terrorism and the relative absence of response that interviewees had on nuclear issues. Discusses possible reasons for the difference. RHR

** Rosenbaum, Susan, "Growing Up Nuclear", East Bay Express, 1982, Vol.4, No.36 (July 2nd).

Audience: high school to adult. Interviews with parents and children in the San Francisco Bay area on the threat of nuclear war. RHR

* Sabrosky, Laurel K., and others, Distribution and Use of Selected Civil Defense Publications, A Study Made in Twenty- Five Counties in Five States, June 1966, Federal Extension Service, Washington, D.C., 66 pages. ERIC document # ED014019, AC001437.

A study was made of the use of civil defense publications by the public, of distribution practices of county agricultural agents, and of the attitudes of the agents themselves. Findings suggested that solicited and unsolicited publications prove equally useful, and that the main effort should be to get publications to the people, regardless of method. ERIC-LY

* Shaw, Edward I., "Radiation and Society", Journal of College Science Teaching, v4, n2, pp. 88-95, Nov. 1974. ERIC document # EJ107903, SE512146.

Presents a discussion of the risks to society from radiation associated technologies and urges that science teachers help the public understand the decision-making process relative to nuclear power as well as the problems and alternatives. ERIC-PEB

** Sommer, Mark, "Running Scared", Evolutionary Blues, 1981, v1, n1, (Summer/Fall), pp. 5-7. (P.O. Box 4448, Arcata, CA 95521.)

Audience: high school to adult. Lists 24 psychological traps which lock us into the arms race. RHR

** Stanford, Barbara, ed. Peacemaking, Bantam Books, 1976. 500 pages.

Audience: educators and parents. Subtitled "a guide to conflict resolution for individuals, groups and nations," this is a compendium of a wide variety of articles and excerpts from literature, with many useful exercises to involve the reader. While the emphasis is more on personal conflict resolution than on political action or historical knowledge, the material is so interesting and clear that it would be a good starting place to stimulate thinking and initiate active participation. ESRB

* Tremlett, Lewis, "Talk About Nuclear Power", Elements of Technology, v7, n2, pp. 4-8, 1976-77, ERIC document # EJ158285, CE506306.

Presents an overview of the relation of nuclear power to human health and the environment, and discusses the advantages and disadvantages of nuclear power as an energy source urging technical educators to inculcate an awareness of the problems associated with the production of energy. Describes the fission reation process, the hazards of radioactivity to all forms of life, and problems of safeguarding against the effects of ionizing radiation. ERIC-MF

* Walker, Paul F., "Teach-ins on American Campuses", Bulletin of the Atomic Scientists, v38, n2, pp. 10-11, Feb. 1982. ERIC document # EJ260288, SE530833.

Focuses on the November 11, 1981 teach-ins or "convocations" held at various college campuses, by discussing their rationale (concerns about nuclear weapons, nuclear war, and need to reduce risks), type of event

held, and individuals who spoke. Suggests this may be the beginning of an anti-nuclear movement. ERIC-SK

* Wellington, J.J., "Teaching the Unteachable -- Physics Education and Nuclear Weapons", Physics Education, v17, n3, pp. 106-10, May 1982. ERIC document # EJ265076, SE531525.

Outlines a strategy for incorporating the nuclear weapons debate into physics curricula. Includes rationale for including the topic, issues to be discussed, and possible resource materials. ERIC-SK

* Whitney, L. Jack, "Biology Teachers and Peace", American Biology Teacher, v43, n9, pp. 502-05, Dec. 1981. ERIC document # EJ257024, SE530617.

Suggests that biology teachers can serve an important role in turning humankind from nuclear warfare to peaceful cooperation. Argues that the school should lead the world in teaching about the universal will to live exhibited by all organisms and about the insanity of nuclear armament. ERIC-DC

** Wolman, Carol S., "Current Consciousness About Nuclear Weapons in the United States", paper delivered at the Second International Conference on Psychological Stress and Adjustment in Time of War and Peace. Copies available from: Dr. Wolman, 29751 Navarro Ridge Rd., Albion, CA 95410.

Audience: high school to adult. One of the earliest studies of nuclear awareness and denial in the U.S., it also includes guidelines for conducting a nuclear consciousness raising group. RHR

* Yarrow, Ruth, "The Earth Could Burn", Outdoor Communicator, v12, n5, pp. 5-7, Spr. 1982. ERIC document # EJ264984, RC504709.

Environmental educators are worried about the ultimate ecological threat--nuclear war, which could burn thousands of square miles, sterilize the soil, destroy 70 percent of the ozone layer letting in lethal ultraviolet rays, and cause severe radiation sickness. Educators must inform themselves, teach others, contact government representatives, and form a coalition of concerned people. ERIC-LC

Chapter 3 CURRICULA

A. For Children

** Abrams, Grace and Fran Schmidt, Learning Peace, Philadelphia: Jane Addams Peace Association, 1972. 50 pages.

Level: grades 6 - 12. Activities and assignment ideas on the topics: global conflict resolution, distribution of world resources and population, nationalism, world problems, and international organizations. Has some good ideas and information. Contains a useful bibliography: books, films, list of peace organizations. Watch for use of man and he as universal. ESRB

** Abrams, Grace and Fran Schmidt, Peace is in our hands, Philadelphia: Jane Addams Peace Association, 1974. 92 pages.

Level: elementary. Good ideas, lessons, bibliography including books, films and records for each lesson. A lot of material to choose from including personal and global, hypothetical and real situations. Some topics: awareness of commonality of people as well as appreciation of differences (some human biology), conflict-solving--personal and global, ecology--necessary balance of people and natural resources, and interdependence--people and nations (study of some famous people). ESRB

** American Friends Service Committee, "Acceptable Risk? The Nuclear Age in the United States", Study/Action Guide and Companion to Study/Action Guide for Congregations and Religious Groups,$2.00 and $2.50 respectively, from the American Friends Service Committee, 1980, ERIC Documents #ED216980, S0014083.

Level: elementary - high school. ...Citizens first view a slide or filmstrip show entitled "Acceptable Risk" [see Chapter 5] which relates the perspectives of scientific, government, and military experts, as well as the stories of survivors of Hiroshima and the stories of those affected by the daily production of nuclear weapons and nuclear power. The first two sections of the study guide contain a checklist for showing the slide show and suggestions for follow-up discussion. The third section "Next Steps" outlines a variety of possibilities for education and action for groups and individuals concerned about the issues in the slide program...The guide for congregations and religious groups contains statements concerning nuclear warfare issued by different religious groups...ideas for action, liturgical suggestions, and lists of resources for education and action. ERIC-RM

** Aquino-Macles, Alexis, Davis C. King and Margaret S. Branson. Myself and Others, Global Perspectives in Education, 218 E. 18th Street, New York City, NY 10003, 1979.

Level: primary - middle school. Curricular ideas, activities and sug-

gestions for teachers having to do with change, communications, conflict and interdependence. The book's focus gradually expands from self to others to the larger world. Useful for both theory and practical suggestions. ESRB

* Carpenter, Susan, A Repertoire of Peacemaking Skills, Peace Education Network of the Consortium on Peace Research, Education and Development and the Institute for World Order, 1977. 60 pages.

Level: elementary - college. Global peacemaking issues -- quality of life; research; assumptions; organizations that exist; sample cases (actual) -- and skills -- communication; analysis; activism (what to do). Useful bibliography: books by level and organizations. ESRB

** Center for Global Perspectives, Conflict, Global Perspectives: A Humanistic Influence on the Curriculum, CGP, 218 East 18th Street, N.Y. 10003.

Level: kindergarten - grade 6. Two excellent curriculum guides with many useful activities and methods on the subject. MD

* Civil Defense Preparedness Agency (Department of Defense), Games That Teach -- Classroom Activities on Individual and Community Disaster Preparedness for Elementary and Secondary Schools, 1971, 104pp., ERIC Documents #ED062264, S0003049.

Level: elementary - high school. Thirty-four classroom games are listed in this self-contained guide for the purpose of teaching civil defense concepts and protective content as an integral part of the K-12 social studies curriculum...bibliography. ERIC-Author-SJM

** Comstock, Margaret, Building Blocks for Peace, Philadelphia: Jane Addams Peace Association, 1973. 18 pages.

Level: kindergarten This book focuses on the importance of friends and sharing and an appreciation of a variety of cultures through books, films and activities. The lesson objectives do not always seem to correspond to the lessons. Many of the ideas are obvious but some are good. The book suggestions are good. Has useful bibliography: book and film list. ESRB

* Discipleship Resources, Try This: Family Adventures toward Shalom, available from: Discipleship Resources, Nashville TN, 1979. 69 pages.

Level: child - adult. Useful annotated bibliography. It's geared toward a family or church setting but many activities could be used in a classroom; each aactivity has a reference to the Bible. ESRB

*** Educators for Social Responsibility - Boston, Day of Dialogue, ESR, 639

Massachusetts Avenue, Cambridge, MA 02139, 1982. $12.00.

Level: kindergarten - college. This 200+ page planning manual contains innovative teaching ideas, resources, and developmental considerations in presenting these issues to children. It was prepared in preparation for "National Day of Dialogue", an event coordinated by ESR, occuring in schools on October 25, 1982. Educators, parents and students will gather to discuss the nuclear arms issue and its appropriate treatment in schools in a wide variety of forums being organized by local groups. NIRS

The most complete, concise, practical collection of curriculum materials published to date, usable throughout the year in many subject areas. Includes extensive bibliography and eastern resources. If you can only afford one publication, this is it! MD

* Flugelman, Andrew, More New Games and Playful Ideas from the New Games Foundation, Tiburon, CA: The Headlands Press, Inc., 1981.

Level: elementary - high school. A resource book about a creative new approach to cooperative play and recreation. ESRB

* Hart, Lewis and Howe, Mary, Personalizing Education; Values Clarification and Beyond.

Level: elementary - high school. Includes a "Dear Abbey" approach to problem solving. HS

Hobson, Art, "Nuclear War Education at the University of Arkansas", paper presented at American Association of Physics Teachers Winter Meeting -- New York, 1983. Available in AAPT, v12, n4, Dec. 1982.

Describes two colege level courses currently being offered at the University of Arkansas; one includes nuclear war and its social implications as part of nuclear physics; the second course, entitled "The Arms Race and World War III" provides political, military, historical, technological, psychological, literary, and religious perspectives on the arms race, the prospects for peace,a dn the effects of nuclear war.

** Institute for Peace and Justice, Educating for Peace and Justice: A Manual for Teachers in four volumes: available from Institute for Peace and Justice, 2747 Rutger, St. Louis MP 63104, Volumes I, II, III - $9.00 each, Volume IV - $5.00. Prices include postage.

Level: elementary - adult. Volume I - National Dimensions, Volume II - Global Dimensions, Volume III - Religious Dimensions, Volume IV - Teacher Background Readings. Units contain teaching strategies for elementary, secondary, and college levels, action possibilities, student readings, case studies, bibliographies. ESRB

** Judson, Stephanie, A Manual on Nonviolence and Children, available from Nonviolence and Children Program, Friends Peace Committee, 1515 Cherry St., Philadelphia, PA 19102. $7.00.

Level: pre-school - elementary. This manual provides detailed theory and activities for teaching peacemaking skills and concepts and values to young children. Accounts from teachers who have used the approach are a useful feature of this book. WCPRC

For teachers and parents of children in pre-school and primary grades. MD

* Kreidler, William J., Creative Conflict Resolution: A Guide to the Peaceable Classroom, Glenview III: Scott Foresman and Co., expected to be available early in 1983.

Level: elementary. Contains a complete discussion on how conflict develops in classrooms and how teachers can respond to it. ESRB

** Nesbitt, Abramowitz, Bloomstein, Teaching Youth about Conflict and War, National Council for the Social Studies, Washington DC, 1973. 101 pages.

Level: middle school - high school. Includes a theoretical discussion of conflict, an actual experiment, "Robbers Cave Experiment", some historic curriculum material on conflict and wars, and a game of conflict and cooperation, "Oil Islands Dispute." A lot of valuable material and ideas. ESRB

** Orlick, Terry, The Cooperative Sports and Games Book and The Second Cooperative Sports and Games Book, Pantheon Books.

Level: elementary - high school. Two excellent collections of cooperative games, including many from other cultures. ESRB

** Prutzman, Burger, Bodenhamer, Stern, The Friendly Classroom for a Small Planet, NJ: Avery Publishing Group, 1978. 109 pages.

Level: elementary. Methods of conflict resolution and building a positive classroom atmosphere as a precursor to creative problem solving. Tested in schools throughout the U.S. Including planning; defining goals; games and exercises. Very good bibliography. Lengthy appendix: songs, bibliography, class reviews, sample workshops. ESRB

** UNICEF, United Nations, Peace Kit, available from UNICEF, 331 East 38th St., New York, NY 10016. $2.00. New York, NY 10016. $2.00.

Level: elementary - high school. Excellent, simple activities, large poster comparing military cost to human needs. Primary source excerpts by historic peacemakers. Bibliography. MD

* UNICEF, United Nations, UNICEF jigsaw puzzles, available from: United Nations, 866 UN Plaza, New York, NY 10017.

Level: kindergarten - grade 3, grades 3 - 6, grade 7 - adult. These jigsaw puzzles have themes of peace and friendship and make a good cooperative activity. ESRB

* Volan, Sissel, An Approach to Peace Education. Development Education UNICEF School Series No. 8, United Nations, available from: UNICEF, 866 UN Plaza, New York, NY, 10017, 1980, 47pp, $2.50. ERIC Documents #ED213645, S0013924.

Level: intermediate and secondary. This publication contains classroom activities and fact sheets intended to teach intermediate and secondary level students about international understanding, cooperation, and peace. A background paper for teachers and a bibliography are also included...ERIC -- Author -- RM

B. For Teens and Adults

** Abrams, Grace and Fran Schmidt, Learning Peace, see part A.

** American Friends Service Committee, "Acceptable Risk?" see part A.

** Aquino-Macles, Alexis, Davis C. King and Margaret S. Branson. Myself and Others, see part A.

*** Bender, David L., ed., The Arms Race; The Political Spectrum; American Foreign Policy, Opposing Viewpoint Series, Greenhaven Press, 577 Shoreview Park Rd, St. Paul, MI 55112. Send for free catalogue.

Level: high school and college. This series of paperback textbooks provides valuable primary source material and excellent class activities. MD

* Bressler, Marion A. and Leo A. Bressler, Peace or War, Englewood Cliffs, NJ: Prentice-Hall, American Problems Series, ed. J.R. Fraenkel, American Problems Series, 1977. 120 pages.

Level: high school - college. Chapters on the nature of war, causes, effects, alternatives. Selections from writings about war: Ann Frank, All Quiet on the Western Front, poetry of Wilfrid Owen, survivor of Hiroshima; also some cartoons, illustrations. Questions and suggested activities at each chapter end. Strongly anti-war stance. Good excerpts. Useful. ESRB

* Carpenter, Susan, A Repertoire of Peacemaking Skills, see part A.

* Center for Occupational Research and Development, "Nuclear Technology Series. Master Index to All 35 Courses of the Nuclear Technology Series", available from CORD, 4800 Lakewood Drive, Suite 5, Waco, TX 76710, 86pp., 1980, ERIC Documents #ED192162, CE026856.

Level: college. Index to thirty-five courses designed for use by two-year postsecondary institutions in five nuclear technician curriculum areas: 1) radiation protection; 2) nuclear instrumentation; 3) nuclear materials processing; 4) nuclear quality-assurance/control; and 5) nuclear reactor operator trainee. ERIC

** Center for War/Peace Studies, "Teaching Global Issues Through Simulation: It Can Be Easy", Intercom, Issue #75, Center for War/Peace Studies, 1974. 32 pages.

Level: adult. Entire issue devoted to simulation games which help teach global issues. The what, why and how of simulation games is discussed. Several games are described in detail, other games which can be sent for are described, plus an annotated bibliography of books and articles on simulation games. Very informative in terms of resources and issues which surround use of simulation games. ESRB

** Cirino, Robert, Power to Persuade - Mass Media and the News,

Good approach to developing critical thinking skills. Includes lesson plans. HS

* Civil Defense Preparedness Agency (Department of Defense), Games That Teach, see part A.

* Civil Defense Preparedness Agency (Department of Defense), Nuclear Weapons Effects, 1975, 122pp., ERIC Documents #ED113207, SE019818.

...this autoinstructional text deals with nuclear weapons effects. The destructive effects of an atomic blast are first introduced, and then long-term radioactive consequences are stressed. ERIC-CP

* Consumer Dynamics, Inc., Vocational Education Training in Environmental Health Sciences, Module 11 Using Ionizing Radiation Detectors, 1981, 37pp., available from National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Rd., Springfield, VA 22161, ERIC Documents #ED204570, CE029493.

Level: college. ...Contains self-instructional materials on...1) naming and telling the function of the major components of a geiger counter, and checking its operation ...2) reading a packet ion chamber

dosimeter... and 3) demonstrating what effects distance, shielding, and time have on radiation levels... ERIC-CT

* Dallas Independent School District, Radioactivity and Man Minicourse, Career Oriented Pre-Technical Physics, Dallas, Texas, 1975, 78pp., ERIC Documents #ED124389, SE019612.

Level: high schoo . This instructional guide, intended for student use, develops the subject of radioactivity and man through a series of sequential activities....The benefits as well as the dange/s of radioactivity to man are considered...intended for use in the second year of a two year vocationally oriented physics program. ERIC-CP

* Discipleship Resources, Try This: Family Adventures toward Shalom, see part A.

*** Educators for Social Responsibility - Boston, Day of Dialogue, see part A.

* Ellington, Henry, and Addinal, Eric, "The Nuclear Debate -- A New Educational Package for Teachers", Simulation Games for Learning, vii, no. 3, pp. 120-125, Fall, 1981, ERIC Documents #EJ252541, IR509506.

Level: secondary and college. Designed for use with upper form secondary and lower tertiary level students, the three exercises described here each examine one aspect of the nuclear power debate in Great Britain. Each takes the form of a structured case study or debate. ERIC-LLS

*** Facing History and Ourselves, Decision Making In a Nuclear Age, 25 Kennard Rd., Brookline MA 02146, 1982.

A curriculum for junior high and high school students which gives them a chance to make judgements about today and their future by learning some of the many perspectives related to international affairs and nuclear weapons technology. ESRB

* Flower, N. C., "Ernest Rutherford's Experiments on Thorium", Physics Education, vol. 5, no. 4, pp. 214-220, July, 1970, ERIC Documents #EJ024596, SE502072.

Level: secondary. Reviews the techniques used by Ruthe ford in his experiments on thorium, and suggests ways for repeating and re-examining the experiments by capable sixth-form physics students. ERIC-LC

* Flugelman, Andrew, More New Games and Playful Ideas from the New Games Foundation, see part A.

* Fraenkel, Carter, Reardon, Peacekeeping, Institute for World Order, Inc. Random House. Perspectives in World Order Series, ed. Fraenkel, 1973. 71 pages, ERIC Documents #ED056923, S0001786.

Level: high school - college. Various peace-keeping models described in sections, each section containing description of case, "what might have happened," "what did happen". Ethiopia 1934, The Congo 1960, Cuba 1962, Malaysia 1989-- future, hypothetical case of how world order might work. Each case or model has history, analysis and suggestions of how to study and review it. Well illustrated with maps, diagrams of various peacekeeping models. Clear, useful. ESRB ...It is hoped that by critically evaluating these plans and how they have operated and might operate, the reader will be able to come to some individual conclusions as to the possibilities for and importance of peace in today's world. ERIC--Author--JLB

* Hart, Lewis and Howe, Mary, Personalizing Education; Values Clarification and Beyond, see part A.

* Hogerton, John F., Atomic Power Safety, Atomic Energy Commission, Technical Information Center, 1964, 48 pp., ERIC Documents #ED107518, SE019207.

Level: high school. This publication is one of a series of information booklets for the general public published by the United States Atomic Energy Commission. Among the topics discussed are: What is Atomic Power? What does safety depend on? Control of radioactive material during operation; accident prevention; containment in the event of an accident; licensing and regulation of atomic power plants; the experience record; safety research; and additional information on atomic power. These materials were available to schools and libraries without charge. ERIC--BT

* Hogerton, John F., Atomic Fuel, Understanding the Atom Series, Revised, Atomic Energy Commission, Division of Technical Information, Oak Ridge, Tenn, 1964, 46 pp, ERIC Document #ED107517, SE019206.

Level: high school. ...Among the topics discussed are: what atomic fuel is; the Odyssey of Uranium; production of uranium; fabrication of reactor fuel elements; processing of spent fuel; the cost of atomic fuel; atomic fuel as an energy resource; and atomic fuel utilization. A listing of books, reports, articles, and motion pictures related to atomic fuels is included. ERIC--BT

* Griffin, John J. and Driscoll, Joseph R., "High School/ University Cooperative Experiment: The Uptake of Nuclear Debris by Trees", Journal of Chemical Education, vo. 51, no. 4, pp. 270-272, April, 1974, ERIC Documents #EJ098516, SE511174.

Level: high school - college. Discusses an experiment on determination of vegetative radioactivity resulting from nuclear tests. Included is a

detailed description of experimental procedures. ERIC--CC

* Griffin, John J., and others, "A Passive Nuclear Debris Collector", Journal of Chemical Education, vol. 56, no. 6, pp. 475-476, July, 1979, ERIC Document Numbers #EJ205478, SE525490.

Level: high school - college. Describes a nuclear debris collector which removes trace substances from the lower atmosphere during rainfall. Suggests that the collector could be implemented into courses at various educational levels and could result in developing a network for monitoring the geographical extent of nuclear contamination. ERIC--Author--SA

* Harris, Jonathan, Hiroshima: A Study in Science, Politics, and the Ethics of War. Teacher and Student Manuals, Amhearst, MA: Amhearst College, 60 pp., 1965, ERIC Documents #ED032335 24, TE499933.

Level: secondary. By focusing on the question of whether it was right or wrong to drop the atomic bomb on Hiroshima, this social studies unit seeks to illuminate the political, military, scientific, and moral complexities involved in making far-reaching decisions today. Sections of the unit use primary materials from American, Japanese, and English sources...ERIC--JB.

** Institute for Peace and Justice, Educating for Peace and Justice: A Manual for Teachers, see part A.

*** Jobs with Peace, Crossroads, 77 Summer Street, Boston MA 02110.

Level: high school. A one-week action curriculum on the impact of militar for english, science and social studies teachers. Mandated in the Boston Public Schools. ESRB

* Jogakuin High School English Department, Summer Cloud: A-Bomb Experiences of a Girls' School in Hiroshima, available from Jogakuin English Department, 11-32 Kami-Nobori-Cho, Hiroshima, Japan.

Level: high school. An excellent book describing the experiences of students, parents, and teachers during the A-Bomb explosion in Hiroshima. Shows the brutality of war and its effects on ordinary people. GAS

* Jordan, Kenneth, Nuclear Energy. Instructional Materials, University of Central Arkansas, Conway, 1980, 39 pp., ERIC Documents #ED203086, CE029145.

Level: high school - college. This document is one of five learning packets on alternative energy developed as part of a descriptive curriculum research project in Arkansas. The overall objectives of the

learning packets are to improve the level of instruction in the alternative energies by vocational exploration teachers, and to facilitate the integration of new content on energy into existing vocational programs...This unit on nuclear energy covers the following topics: introduction to nuclear power; the basis for nuclear power; nuclear power plants; types of radiation; effects of radiation on humans; processing of uranium; radioactive waste; and nuclear fusion. A glossary is also provided. ERIC--KC

* Lawrence, Allen, and others, Energy Sources (Energy/Power). Industrial Arts, Senior High -- Level II. North Dakota Senior High Industrial Arts Curriculum Guides, North Dakota University, Grand Forks, Department of Industrial Technology, 1981, 57 pp, ERIC Documents #ED209511, CE030556.

Level: high school. This course guide for an energy sources course is one of four developed for the energy/power area in the North Dakota senior high industrial arts education program...Unit titles are: Introduction to Energy Sources; Chemical Energy Sources; Electrical Energy Sources; Mechanical Energy Sources; Nuclear/Atomic Energy Sources; and Geothermal Energy sources. A reference list is appended. ERIC--YLB

Maxey, Phyllis, F., "Teaching About Nuclear Power: A Simulation", Social Studies Review, vol. 19, no. 2, 1980, pp. 43-46, ERIC Documents #EJ218550, S0507854.

Level: secondary. Recommends that simulation games be used to teach high school students in social studies courses about contemporary and controversial issues such as nuclear power. A simulation is described which involves students in deciding whether to build a nuclear power plant in the California desert. Teaching and debriefing tips are also provided. ERIC -- DB

* Mayer, William V., Radiation and Its Use in Biology: A Laboratory Block, Biological Sciences Curriculum Study, Boulder, Colorado, 1970, 66 pp, ERIC Documents #ED194321, SE033142.

Level: secondary. This booklet contains a six-week series of laboratory investigations that may be used individually or in combination to complement other biology course materials or as an independent laboratory course in radiation biology. Contents include twelve activities dealing with radiation biology, five additional activities suitable for individual work, and four appendices which cover the handling of microorganisms, a discussion on radiation, how radioactive materials are produced, and how a Geiger-Muller counter is operated. ERIC--CS

* Merril, Judith, "That Only A Mother", Social Education, v37, n2, pp. 127-131, Feb. 1973, ERIC document # EJ070592, S0501514.

Level: high school. Topic 7. Atomic Bombs and Radiation, from a theme

issue on Teaching World History Through Science Fiction, stimulates discussion on mutation and radiation effects. ERIC-JB

** Metcalf, Reardon, Colby, The Cold War and Beyond From Deterrence to Detente--to What?, Institute for World Order, Inc., Random House, Crises in World Order Series, ed. Metcalf, 1975. 71 pages.

Level: high school. Case studies: Hungarian Rebellion, Cuban Missile Crisis, Arab Israeli 1973 War. Each section begins with account of what happened with a chronology, photography; ends with suggestions for study: Examining the Case, Evaluating the System and Issues and Topics For Further Exploration. Usefor for information, starting discussions. For more advanced readers, if used for student study material. Could also be presented by teacher. ESRB

** Nesbitt, William A., ed. Human Nature and War, Center for International Programs and Comparative Studies, University of State of New York Press, Albany, NY 12210, 1973. 65 pages.

Level: high school. Introduction to philosophy of whether human nature is or is not innately warlike. Short readings from thinkers like Lorenz, Freud, Goodall, Morris. Useful for initiating discussions, straightforward viewpoints. Introduction by Nesbitt. Also includes bibliography. ESRB

* Nesbitt, William A., Teaching About War and War Prevention, Foreign Policy Association, New York, 1971, 172 pp., available from: Thomas Y. Crowell Company, 201 Park Avenue South, New York, NY 10003, $2.50, ERIC Documents #ED058120, SO002145.

Level: secondary. The book provides a conceptual framework along with classroom teaching suggestions for secondary social studies teachers dealing with the complex war/peace subjects....Part I...considers man's inherent nature and the role it plays in war and peace. Part II...examines the ways in which nationalism can lead to world wars. Part III... offers ways in which the nation state system can be altered or completely changed...Part IV ...suggests that teachers can use history as a method, illustrating the common causes of all wars...A special supplementary section at the end of the book lists resource organizations, audio-visual materials, bibliographies, and simulation games of international conflict. ERIC -- SJM

** Nesbitt, Abramowitz, Bloomstein, Teaching Youth about Conflict and War, see part A.

** Orlick, Terry, The Cooperative Sports and Games Book and The Second Cooperative Sports and Games Book, see part A.

* Parker, Richard C., "Radiation and the Environment: A Relevant Course on a Topical Subject", Journal of Chemical Education, vol. 54, no. 7, p. 435, July, 1977, ERIC Documents #EJI78295, SE519755.

Level: college. A description is given of a three credit-hour course entitled Radiation and the Environment. The course syllabus along with descriptions and criticisms of the course texts, are included. Also, some quotes from student's papers are presented indicating attitudes toward nuclear energy at the end of the course. ERIC -- MR

* Reardon, Colby, War Criminals, War Victims, Institute for World Order, Inc., Random House, 1074. Crises in World Order Series, ed. Metcalf. 55 pages.

Level: high school - college. Cases: Andersonville, Nuremburg, Hiroshima, MyLai. Considerations of war and the individual through these four histories. Photos and transcripts of trials; suggested questions and issues for study. Useful, not too long, very clear. Case study method. ESRB

** Schrank, Jeffrey, Deception Detection - The Educator's Guide to the Art of Insight.

Level: high school. Good approach to developing critical thinking skills. Includes lesson plans. HS

* Smith, Harvey A., Nuclear Deterrence. Applications of Elementary Probability to International Relations. Modules and Monographs in Undergraduate Mathematics and its Applications Project. UMAP Unit 37., Education Development Center, Newton, MA, 1978, 25 pp, ERIC Documents #ED218107, SE038108.

Level: college. This module is designed to apply mathematical models to nuclear deterrent problems, and to aid users in developing enlightened skepticism about the use of linear models in stability analyses and long-term predictions. An attempt is made at avoiding overwhelming complexities through concentration on land-based missile forces. It is noted that after the Second World War, the United States' monopoly on nuclear weapons permitted it to attempt to deter agression through a policy of "Massive retaliation." The history of change from this policy is outlined, and the chances of reaching an equilibrium in the nuclear arms race are examined through probabilistic models. Exercises are provided, and the answers to these problems are given at the end of the unit. ERIC -- MP

** Switzer, Kenneth A. and Paul T. Mulloy. Global Issues: Activities and Resources for the High School Teacher, Social Science Education Consortium, Inc., 855 Broadway, Boulder CO 80302, 1979. 91 pages, $7.95.

Level: high school. Lesson plans and handouts on: Introducing the concept of global awareness, world trade and economic interdependence,

global conflict and the arms race, economic development and foreign aid, environment and technology, energy and natural resources, and human rights, plus list of sources of classroom materials. ESRB

* Transnational Academic Program, Institute for World Order, Peace and World Order Studies: A Curriculum Guide, available from Institute for World Order, NY, 1981. 386 pages, 3rd edition, $8.00.

Level: college/adult. Eighty pages of essays on world order education by Roy Preiswerk, Richard Falk and Burns H. Weston; followed by 280 pages of course syllibi plus 30 pages of resource materials and organizations. ESRB

**UNICEF, United Nations, Peace Kit, see part A.

* UNICEF, United Nations, UNICEF, see part A.

* Wagner, David L., ERIC First Analysis: National Defense Commitments; 1982-3 National High School Debate Resolutions, ERIC Clearinghouse on Reading and Communication Skills, Urbana, IL, 1982, 71 pp., available from: Speech Communication Association, 5105 Backlick Rd., Annandale, VA 22003, $3.75, ERIC Documents #ED217469, CS207002.

Level: secondary. The purpose of this booklet is to provide a brief overview of some of the issues involved in the 1982-3 high school debate resolutions....1) that the United States should significantly alter its nuclear weapons policy, 2) that the United States should significantly reduce its commitment to NATO, and 3) that the United States should significantly curtail its arms sales to other countries. The booklet also provides a section of notes for each topic, as well as selected bibliographies on each topic. ERIC -- FL

* Woito, Robert, Ed., World Disarmament Kit, World Without War Publications, 110 South Dearborn, Chicago, IL 60603, 1977, 103 pp., $2.50, ERIC Documents #ED135718, S0009842.

Level: secondary and college. This kit presents a comprehensive introduction for students to arms control and disarmament issues. Included are copies of published and unpublished articles for each topic. Section I provides a self-survey to enable students to assess their own attitudes, values, and knowledge...Section II offers facts on current bilateral and multilateral arms control agreements...Section III presents contending perspectives on the arms race...Section IV discusses proposals concerning arms control and disarmament...Sections V and VI present arms control and disarmament issues, respectively, at the United Nations...Section VII suggests a peace initiatives approach...Section VIII lists seven major issues...The final section contains resource lists.... ERIC -- ND

Chapter 4 BOOKS FOR CHILDREN

* Arora, Shirley, What Then, Raman?, Follett, 1960

Well written, touching story of a boy in India who is the first in his village to learn to read. He meets an American woman who also teaches him the social responsibility of education. The book is not directly about war, but will give the reader insight into the lives of "underdeveloped" peoples. Modern civilization and exploition comes in its usual idealized form as a kind American. Recommended for children in grades 4 - 6. RMF

* Baker, Betty, The Pig War, Harper & Row, 1969.

An I CAN READ history book about the rivalry between two groups, each of whom thinks an island belongs to them. Recommended for children in kindergarten - grade 3. ESRB

** Baker, Betty, The Big Push.

A third grade reader with adult values clarification! An incredible actual incident in the Hopi culture and how they solved the conflict without war. Usable at all grade levels to introduce cross-cultural differences among the Hopi, Navaho, and the USA. MD

* Bates, Scott, Poems of War Resistance, Grossman Publishers, New York, 1969.

An anthology of war resistance poems from 2300 B.C. to the present. Recommended for teenagers. MD

* Bishop, Claire, Twenty and Ten, Viking, 1952.

A World War II resistance story of a group of catholic children and jewish refugees. Though fictional, it can bring up a useful discussion about dealing with hostile authority in an optimistic manner. It is written in slightly plain, dense, prose. Recommended for children in grades 4 - 6. RMF

*** Bruckner, Karl, The Day of The Bomb, E.H. Hale, 1962.

The heart-breaking true account of a Japanese girl who died of radiation sickness at Hiroshima. Strongly written, the stories of the American pilots, Japanese soldiers, officers, Hiroshima factory workers, students and old people are also brought up to the moment of explosion and the aftermath. Though gruesome, it ends with the admonition; "Don't say, it is wiser not to tell our children anything of what happened." The language would have to be slightly simplifed if read to lower grade audiences. Suitable to be read by teens. RMF

*** Coerr, Eleanor, Sadako and the Thousand Paper Cranes, Dell Yearling Book, 1977. $1.25.

A fictionalized account based on a true story. The book begins with Sadako at age 11, in 1954, leading the happy life of a typical Japanese school girl--training for sports events, visiting her best friend, going home to a warm, close family with a mother, father, brothers. The shadow of the atom bomb gradually darks (sic) the story. Sadako is found to have leukemia resulting from radiation exposure nine years previous. In the hospital she folds paper cranes so "the gods will grant her wish and make her healthy again." In the end, Sadako dies from her illness. Suitable read aloud for primary age children or directly by second or third graders and up. ESRB

* Cowley, Joy, The Duck in the Gun, Doubleday, 1969.

A war is averted because a duck has laid her eggs in the cannon. the general keeps his troops busy painting the enemy houses. The ducks are born but the men refuse to shoot at the newly painted houses. The question of killing the people is not faced in this book. Recommended for children in kindergarten - grade 3. RMF

* Crosby, Alexander L., One Day for Peace, Little, 1971.

When a good friend is killed in Vietnam, a young girl asks, "Why are we at war in Vietnam?" She and her friends organize community action in protesting the war - a peace day is proclaimed by the mayor and a peace parade is planned by the children. Recommended for children in grades 4-6. WILPFS

* Davies, Andrew, Conrad's War, Crown, 1980. 120 pages. $7.95.

A bizarre story of a young boy's fantasies about war, killing and guns where Conrad becomes convinced through dreams or a time warp that he is actually experiencing action in a past war. However, when in his fantasy Conrad becomes the enemy, his marvelous war adventure turns into a nightmare. Recommended for children in grades 5-8. ESRB

* Degens, T., Transport 7-41-R, Viking, 1974. 171 pages. $7.95. (paperback, Dell $1,50).

A young girl travels from the Russian sector of defeated Germany to Cologne on a transport carrying returning refugees in 1946. On one level this story is one of sheer adventure; on another, it is a powerful statement of the devastation war and misguided patriotism can impose on the human spirit. Best of all, it is a story of how one young girl survives. Recommended for children in grades 5 - 8. ESRB

* Degens, T., The Game on Thatcher Island, Viking, 1977. 148 pages. $7.95.

Harry is flattered when a group of older boys invite him to participate in their game of war on Thatcher Island. His elation disappears when the game takes a terrifying turn. Recommended for children in grades 5 - 8. ESRB

** DeJong, Meindert, The House of Sixty Fathers, Harper, 1958.

An emotion wrenching story of a Chinese boy who has been separated from his parents by the Japanese army. The story ends happily and describes well the misery of war. The American soldiers play the good-guy savior role with no question about their part in the hostilities. Recommended for children in grades 4 - 6. RMF

* Druon, Maruice, Tistou of the Green Thumbs, Scribners and Sons, 1958.

An intriguing fantasy of an unusual son of a munitions factory owner. Tistou becomes a gardener and stops a war with his planting. He is surprised to find people are angry rather than pleased. The story ends unresolved when Tistou climbs to heaven and is revealed to an angel; a disappointing ending. Recommended for children in kindergarten - grade 6. RMF

* Dunn, Mary Lois, The Man in the Box; A Story from Vietnam, McGraw-Hill, 1968.

A Vietnamese village child saves an American soldier from a torture box at the price of loss of contact with his own family. The story illustrates the treacherous confusion of warring forces coming and going through villages otherwise uninvolved in the war. The book, though suspenseful, is somewhat lacking in feeling and sets the blond, american in too revered a role. Recommended for teenagers. RMF

* Eberhart, Richard, and Rodman, Selden, eds., War and the Poet, Westport, Connecticut, 1974, $15.50.

An anthology of poetry expressing man's attitudes about war from ancient times to the present. Recommended for teenagers. MD

* Einstein, Albert, Einstein on Peace, Schocken, 1968.

The story of how one of the greatest minds of modern times worked from 1914 until 1955 on the problems of peace. Recommended for high school students. WILPFS

* Emberly, Barbara, Drummer Hoff, N.J.: Prentice-Hall, Inc., 1967.

A simple attractive verse with colorful pictures about the building of a cannon. Recommended for children in kindergarten - grade 3. ESRB

* Finn, James, Protest: Pacifism and Politics, Vintage, 1968.

From conversations with Joan Baez, A.J. Muste, Bayard Rustin, Julian Bond, Daniel Berrigan and others. The author has compiled their passionate views on war and non-violence. Recommended for high school students. WILPFS

* Green, Diana Huss, Lonely War of William Pinto, Little, 1968.

A factual account of a conflict for a Jewish boy in New Haven Connecticuit during the American Revolution. Prejudice against Jews, and revolution against Tories are expanded on in Pinto's character. The resolution is on a weak note of patriotism, although some important themes are brought up in the readable prose. Recommended for teenagers. RMF

* Habenstreit, Barbara, Men Against War, Doubleday, 1973.

A history of the U.S. in relation to various peace movements between and during wars, and the attitude of America toward them; begins with the first pacifists in America, the Shakers and Quakers, who refused to fight or abuse the Indians. Recommended for children in grades 7-9. WILPFS

*** Haugaard, Erik, The Little Fishes, Houghton, 1967.

There is a remarkable amount of philosophy and human understanding in this story of an Italian boy orphaned by World War II. Highly recommended for children in kindergarten - grade 8. RMF

** Haugaard, Erik, Catch Me, Catch Nobody!, Houghton, 1980.

Erik Hansen, 14, went on a school outing to Germany. The Danish boy, from a well-to-do family, was not sure he even wanted to go on the trip and then found himself caught up in intrigue during the rise of Hitler and anti-Semitism. Without even trying Erik became involved in some dangerous missions. He returned to Denmark with some new knowledge and some questions remaining about the stranger in the gray raincoat. This fast-paced aventure is part history of early Nazi Germany and part schoolboy adventure. JACBA Award, 1981. Recommended for children in grades 7-9. WILPFS

** Hiroshima A-Bombed Teachers Association, Let's Cry for Peace, formerly available from: Peace Resource Center, Box 1183, Wilmington College, Wilmington, OH 45177. 64 page booklet. $0.50. Currently out of stock. Check librairies or inquire about second printing at PRC.

Personal stories of two children. Brief history of peace movement. Very beautiful and moving poems and songs appealing for peace.

Recommended for children in grades 3 - 4. ESRB

* Hoban, Russell and Hoban, Lillian, The Sorely Trying Day, Harper and Row, 1964.

Excellent story of a chain of blame and misunderstanding. Unfortunately it is set in a 'father knows best' type of family. The mouse, the smallest character in the story acts with the biggest heart. Recommended for children in kindergarten - grade 3. RMF

* Hunt, Irene, Across Five Aprils, Follet, 1964.

A sad story of a family torn by the American Civil War. Told from the point of view of a younger boy at home who witnessed the misery of destruction. It does not make an actual stand for peace. Recommended for teenagers. RMF

*** Johnson, Annabel and Johnson, Edgar, The Last Knife, Simon and Schuster, 1971.

A strongly told collection of tales of honorable dissenters in American History. It is set in the story of a younger brother who does not understand his sibling's conscientious objection to war. The stories are realistic and straightforward. Important book for American schools. Recommended for children in grades 4 - 8. RMF

* Kelen, Emery, Peace is an Adventure: The Men and Women of The United Nations in Action Around the World, Meredith, 1967.

Shows how people of every nationality fight each day against ignorance, poverty, and disease, and the unsung heroes and heroines who work to alleviate these conditions. WILPFS

* Koehn, Ilse, Mischling, Second Degree, Greenwillow Books, 1977.

The memoirs of a German girl who becomes a leader among the Hittler youth while her Social Democratic family kept from he the secret of her partial Jewish heritage. Jane Addams Children's Book Award, 1978. WILPFS

* Leaf, Monro, The Story of Ferdinand, illustrated by Robert Lawson, Viking Press, 1938. 70 pages.

Classic story of the bull who didn't want to fight. Appropriate for children in grades K - 3. ESRB

* Levoy, Myron, Alan and Naomi, Harper & Row, 1977. 192 pages. $7.95.

A powerful portrait of Naomi, who has been traumatized by having witnessed Nazi brutality to her father in France during the war; and the believable character of Alan, who is caught in the dilemma of having to choose between playing stickball with his friends or acceding to parental pressures to befriend Naomi. Recommended for children in grades 5 - 8. ESRB

* Lionne, Leo, Tico and The Golden Wings, Pantheon, 1964.

Like fairy tales, this story deals well with fantasy wishes. It ends with, "..and yet I am not like my friends. We are all different. Each for his own memories and his own invisible golden dreams." Recommended for children in kindergarten - grade 3. RMF

** Lobel, Anita, Potatoes, Potatoes, USA: Bowmar/Noble Publishers, Inc., 1967.

A story about a mother's attempt to shield her two sons from war, their eventual involvement in it, and the final resolving of the war. Recommended for children in kindergarten
- grade 3. ESRB

An excellent book dealing directly with war and destruction through two thoughtless brothers joining opposing armies and destroying their own home. Too much power is given to the wisdom of the mother figure perhaps, but a good tale of patience. Recommended for children in grades 4 - 6. RMF

** Merrill, Jean, The Black Sheep, Pantheon, 1969.

A fine fable about an island of sheep who maintain their prestige by shearing themselves and then knitting sweaters to keep warm. A black sheep is born who prefers to plant gardens and let his wool grow to keep him warm. This threatens sweater production and the black sheep, gardens, and thinking are all outlawed. Eventually the system of production fails and all the sheep turn to gardening and other creative efforts and are much happier for it. A well written story of social consequence. Recommended for children in grades 4 - 6. RMF

* Meyer, Edith Patterson, In Search of Peace: Winners of the Nobel Peace Prize, 1901-1975, illustrated by Billie Jean Osborne, Abingdom, 1978. 208 pages. $7.95.

Information is presented about the Nobel Peace Prize and its recipients with an emphasis on efforts by individuals and organizations to keep humanity cooperating and at peace. Recommended for children in grades 5 - 8. ESRB

* Mori, Toshi, Woman from Hiroshima.

A first-person story of life in Japan before the bomb. The author came to the United States as a child; this is the story of the change in her life as she adjusts to living in California. Jane Addams Children's Book Award, 1980. Recommended for children in grades 4-6. WILPFS

** Nagai, Takashi, ed. Living Beneath the Atomic Cloud: Testimony of the Children of Nagasaki, Tokyo San-Yu-Sha, available from: Peace Resource Center Box 1183 Wilmington College, Wilmington OH 45177. 65 page booklet. $3.25.

In 1949, Dr. Nagai collected the stories of children who wrote of their experiences on August 9, 1945. Vivid and moving descriptions by children who were 5 to 12 years old at the time. ESRB

** Nagasaki Prefecture Hibakusha Teacher's Association, In the Sky over Nagasaki: An A-Bomb Reader for Children, available from: Peace Resource Center, Box 1183, Wilmington College, Wilmington, OH 45177. 105 page booklet. $3.50.

Effects of the August 9, 1945 bombing of Nagasaki. Written from the point of view of a big camphor tree which survived the bombing. Sensitive story of what happened to the children; should be used where informed parents or teachers can help them understand. Recommended for children in grades 5 - 8. ESRB

** Nakazawa, Keiji, Barefoot Gen, Gen of Hiroshima, I Saw It, available from Educomics, Box 40246, San Francisco, CA 94140.

A series of comic books containing an eyewitness account of the Hiroshima bombing. Easy reading level but emotionally powerful. Recommended for children in grades 6 - 12. RHR

* Orgel, Doris, The Devil in Vienna, Dial, 1978. 246 pages. $7.95, (paperback, Dell $1.50).

The setting is 1938 Vienna. Inge, who is Jewish, and Lieselotte, who at the insistence of her father is in the Hitler Youth, find their long-term friendship has become unwise and even dangerous. A story of individual acts of bravery and love in a world characterized by mass indifference and betrayal. Recommended for children in grades 5 - 8. ESRB

** Osada, Arata, Children of the A-Bomb: The Testament of the Boys and Girls of Hiroshima, N.Y.: G.P. Putnam and Sons, 1959.

Oral histories by Japanese who were junior high school students when the bomb was dropped on Hiroshima. Recommended for children in grades 5 - 8. ESRB

** Pomerantz, Charlotte, The Princess and the Admiral, Addison-Wesley

Publishing Co., Reading MA, 1974.

Based on Kublai Khan's invasion of Vietnam many centuries ago, this fable is about a kingdom of poor farmers and fisherfolk and a young princess who defend their country with firecrackers and one unexpected ally -- the moon. Winner of the Jan Addams Children's Book Award. Recommended for children in grades 3 - 6. MD

* Provensen, Alice and Martin, A Peaceable Kingdom: The Shaker Abecedarius, Viking, 1978. 41 pages. $8.95.

An alphabet verse with clear, quietly detailed illustrations supplemented on nearly every page by minute inscriptions representing Shaker thought such as "a man of kindness to his beasts is kind/brutal actions show a brutal mind." Appropriate for children K - 3. ESRB

* Reynolds, Reginald, The True Story of Gandhi, Man of Peace, Children's Press, 1964.

Emphasizes Gandhi's boyhood in India, student days in England and experience in South Africa, and his leadership in India in the great struggle which ended in victory and his death. Recommended for children in grades 4-6. WILPFS

*** Rocca, Guido, Gaetano the Pheasant, Harper, 1966.

A straightforward and realistic animal fantasy in which two pheasants, hunted on a game preserve, leave their fatalistic comrades and struggle to an island where they are safe. A very poignant tale. Recommended for children in grades 4 - 6. RMF

** Sampson, Fay, The Watch on Patterick Fell, Greenwillow Books, NY, 1978. 153 pages. $7.95.

Set in England some years in the future, the story postulates a situation where wide-spread protest force the shut-down of nuclear power plants and waste disposal facilities. Roger, 15 year-old protagonist, at first sides with his nuclear scientist parents and then experiences doubt, while his 13 year-old sister rebels against a scientific view of the world. In spite of some weaknesses in plot, the book sustains suspense. Posing questions about nuclear power, nuclear waste, science vs. humanism, political action, responsibility and decision-making, it could stimulate thought and discussion on these important issues. Recommended for children in grades 5 - 8. ESRB

* Schechter, Betty, The Peaceable Revolution, Houghton, 1963.

Shows the relationship and meaning for us today of the non-violent resistance of Thoreau, Gandhi and the American Blacks. Recommended for

children in grades 7-9. WILPFS

** Sendak, Maurice, Where the Wild Things Are, USA: Harper & Row, Publishers, Inc., 1963.

The story of a misbehaved boy who is sent to bed, where he imagines a place inhabited by bizarre, scary creatures. Recommended for children in grades 4 - 6. ESRB

* Silverstein, Shel, Where the Sidewalk Ends, N.Y.: Harper & Row, Publishers, Inc., 1974.

A book filled with delightful poems and drawings for children. Recommended for children in grades 4 - 6. ESRB

** Sone, Monica Itoi, Nisei Daughter, Seattle: University of Washington Press, 1979. 238 pages.

A unique and moving personal account of a Japanese-American family's "relocation" during World War II. Recommended for children in grades 5 - 8. ESRB

* Steele, William O., The War Party, Illustrated by Lorinda Bryan Cauley, Harcourt Brace Jovanovich, A Let Me Read Book, 1978. 63 pages. $4.95.

Participating in his ancestral ritual of war preparation, a young Native American looks forward to his first battle. When he actually participates in an attack on a neighboring village, he is horrified by the brutality that surrounds him. Recommended for children in grades 3 - 6. ESRB

* Ringi, Kjell, The Stranger, N.Y.: Random House, Inc., 1968.

A fable that tells the story of people who in fear bring out their cannon against a giant-stranger but when they finally get to know him he is invited to stay in their country. Recommended for children in kindergarten - grade 3. ESRB

* Thoreau, Henry David, The Best of Walden and Civil Disobedience, Scholastic, 1969.

This 19th century philosopher's famous works: Walden describes his famous experiment inliving close to nature; Civil Disobedience explains why and when he believes honest men must stand against injustice. Recommended for children in grades 7-9. WILPFS

** Uchida, Yoskiko, Journey to Topaz; a story of Japanese-American evacuation,

Scribner, 1971. 149 pages. $7.95.

After Pearl Harbor is attacked, a Japanese-American girl and her family are forced to go to an "aliens" camp in Utah. The suffering and humiliation imposed upon the Japanese during this time is evident in this warm story of dignity and courage. (This book is not listed in the 1981-82 Books in Print; however libraries will have a copy and it is the kind of book likely to be reprinted. Recommended for children in grades 5 - 8. ESRB

** Uchida, Yoskiko, Journey Home,

A Japanese-American girl and her family attempt to reconstruct their lives after their release from an American concentration camp in an atmosphere of strong anti-Japanese feelings which foster fear, distrust and violence. The sequel to Journey to Topaz. Reocommended for children in grades 5 - 8. ESRB

** Udry, Janice May, Let's Be Enemies, illustrated by Maurice Sendak, Scholastic Books (originally Harper & Row hardback). 22 pages. $0.75.

About two little boys. Begins, "James used to be my friend. But today he is my enemy." Cause of problem is essentially a power struggle: "James always wants to be the boss, " "takes all the crayons," etc. Eventually, in the last 3 pages, decide to play together again because of common interests; they are shown happily and wordlessly sharing a pretzel on the last page. Delightful, humorous, real child-problems which reflect similar adult ones. Probably for reading aloud. Recommended for children K - 3. ESRB

* Varga, Judy, The Monster Behind the Black Rock, W. Morrow, 1971.

A rumor is started amongst forest animals who misguidedly gang up and cause some minor destruction. The message: "I just repeated what I was told" is the best line of the book. Recommended for children in grades 4 - 6. RMF

** Viorst, Judith, I'll Fix Anthony, Harper and Row, 1969.

Sibling rivalry is considered from a younger brother's point of view. the story begins with a strong statement; "Mother says deep down in his heart Anthony loves me. Anthony says deep down in his heart he thinks I stink." The emotional conflict is not resolved in the book. Recommended for children in grades 4 - 6. RMF

* Wahl, Jan, How Children Stopped The Wars, illustrated by Mitchell Miller, Farrar Straus and Giroux, 1969. 95 pages. $3.75. (paperback, Avon $1.50).

The chronicle of a shepherd boy who sets out to stop wars and persuades

hundreds of children to follow his banner. A story of exceptional potency telling of an age-old wish that should come true. Recommended for children in grades 3 - 4. ESRB

Boring and unimaginative. HS

* Zarambouka, Sofia, Irene, Tee Loftin Publishers, Washington, D.C. Available from Educators for Social Responsibility, 639 Massachusetts Avenue, Cambridge MA 02139.

A beautifully illustrated fable about peace including a play for young children to perform with sketches for simple scenery and costumes, tunes, and lyrics. ESRB

** Zim, Jacob, My Shalom, My Peace, N.Y.: McGraw-Hill - Sabra Books, 1975.

A moving collection of paintings and poems on the theme of peace by Arab and Jewish children. Recommended for childrer in grades 4 - 6. ESRB

** Zolotow, Charlotte, The Hating Book, N.Y.: Harper & Row, Publishers, Inc., 1969.

The childhood problem of hating one's friend and being devastated by this feeling is presented in this book. Recommended for children in kindergarten - grade 3. ESRB

** Zolotow, Charlotte, The Quarreling Book, N.Y.: Harper & Row, Publishers, Inc., 1963.

A story about people taking out frustrations on each other by picking on the next smaller person. Recommended for children in kindergarten - grade 3. ESRB

Chapter 5 Audio Visual Resources

A. FILMS

* A is for Atom, 16mm, color, 1960, 15 1/2 min. Producer: General Electric Co. Distributor: Creative Venture Films, fee: $35./week.

An animated instructional film outlining basic atomic and nuclear physical relationships--the structure of the atom, atomic forces and the periodic table--in which cartoon atoms live in "Element Town" where some live alone, some with isotope relatives, and radioactive atoms move from house to house along the periodic table. DLB

* Atom: A Closer Look, The, 16mm, color, 1980, 30 min. Producer: Walt Disney Productions. Distributor: Modern Talking Picture Service (PG&E), fee: Free Loan (Northern and Central CA only).

A narration of the story of nuclear power through a depiction of the atom's structure, the nuclear chain reaction, the operation of nuclear power plants, radiation's effect on the environment and nuclear waste disposal. DLB

* Atom and Eve, The, 16mm, color, 1965, 15 min. Producer: Bay State Films. Distributor: Green Mountain Post Films, fee: $20. - $45.

A humorous, if dated, film made by the Atomic Energy Commission which depicts Eve from childhood to adulthood, dancing through a garden of electrical appliances. DLB

** Atomic Cafe, The, 16mm, color, 1982, 87 min. Produced by Jayne Loader, Kevin Rafferty and Pierce Rafferty, The Archives Project. Distributed by The Archives Project; inquire for prices. Also distributed by New Yorker Films in the 92 min. version, B&W/color; fee: negotiable.

This feature documentary film examines the history of the "Atomic Age" as it has been reflected in American Media and culture. By turns ridiculous and horrifying, The Atomic Cafe tells its story by juxtaposing excerpts from government and military propaganda, television and radio shows, cartoons and now-forgotten A-bomb songs of the 1940s and '50s. Starting with the decisions to bomb Hiroshima and Nagasaki, the film proceeds to the post-war tests at the Bikini Atoll and in the Nevada desert, growing U.S. propaganda on the "peaceful atom" and the Soviet communist threat, the "duck and cover" style of civil defense, and the ever-present escalation of the arms race. It captures the atmosphere of fear, conformity and official lunacy that characterized Cold War culture and politics as it depicts twenty years of rationalizations, half-truths, lies and evasions on the dangers of nuclear weapons and atomic war. MNG

...including an interview with the first A-bomb pilot, Paul Tibbets, con-

cerning America's "guilt complex" following the bombings. DLB

* Bedford Incident, The, 16mm, B&W, 1965, 102 min. Producer: Columbia Pictures. Director: James B. Harris. Distributor: Films Inc.; fee: $50.

In this fiction film starring Richard Widmark, Sidney Poitier and James MacArthur, a U.S. submarine in the Greenland Straits pursues a Russian submarine attempting to penetrate radar defenses. DLB

* Big If, The, 16mm, color, animation, 1981, 9 min. Animated by Bretislav Pojar for the United Nations. Distributed by UN Films; inquire for prices.

This colorful animated film poses the question: What would happen if we turned our tanks into tractors, our grenades into chickens and our uniforms into dresses and shoes? Although it is a chilren's fantasy, with elements of nonsense, the question is serious and the film can be used as a short before longer films for adults. MNG

** Blockade at Diablo, 16mm, Super 8, Video, color, 1981, 18 min. Producer/Director: David L. Brown. Distributed by Energon Films; inquire for prices.

A documentary coverage of the protest blockade of the Diablo Canyon Nuclear Power Plant, California, in September of 1981. Since the blockade, PG&E revealed that the wrong blueprints were used in the plant's construction, which has resulted in its investigation by the Nuclear Regulatory Commission. DLB

* Booom, 16mm, color, animation, 1979, 11 min. Animated by Bretislav Pojar for the United Nations. Distributed by Journal Films; fee: $20.

An animated look at the history of aggression and the theory that might makes right. It carries us into the age of atomic missiles and postulates various scenarios for planetary self- destruction, both planned and accidental. Booom uses only sound effects and music to ask, "Is this the end?" MNG

* Breeder, The, 16mm, color, 1978, 23 min. Producer: Stuart Finley Films. Director: Stuart Finley. Distributed by Stuart Finley Films; fee: $35.

A general introduction to the breeder--a controversial reactor which breeds plutonium--this film presents the impressive benefits and major risks inherent in its use, as well as in a plutonium economy. DLB

* Change of Heart, A, 16mm, color, 1982. Produced and directed by: Peter Adair, Cathryn Keller, Gayle Peabody. Distributor: Adair Films, 2051 Third Street, SF, CA 94107, (415) 621-6500.

A Change of Heart documents the emotional odyssey of a group of people who act together to express their commitment to ending the threat of nuclear war. The group decides to commit non-violent civil disobedience at the source of the problem--by interfering, for a day, with the preparation for nuclear war at Lawrence Livermore National (Weapons) Lab, located in San Francisco's back yard. These diverse individuals experience themselves and each other in new ways. They learn that they are courageous, powerful people whose actions can--and do--make a difference. (From the press release)

** China Syndrome, The, 16mm, color, 1979, 122 min. Producer: Michael Douglas. Director: James Bridges. Distributed by Swank Motion Pictures; fee: negotiable.

In this dramatic and suspenseful story of a near core meltdown disaster in a nuclear power plant, Jane Fonda plays the news reporter who interviews Jack Lemmon, as the plant's control manager, about the plant's malfunctioning. The film is both realistic in its technical information and in its portrayal of the people in control. DLB

** Counterforce: Mr. Nixon's Secret Legacy, 16mm, color, 1976, 30 min. Distributed by American Friends Service Committee, donation: $10.

International journalist John Pilger shows that presidents Nixon and Ford gave U.S. military planners permission to consider the option of "limited" use of nuclear weapons years before Carter's directive #59. The strategy was then called "counterforce"; now, we call it "first strike." The film is especially chilling in interviewing key personnel at the headquarters of a missile base network in North Dakota. AFSC.

** Dark Circle, 16mm, color, 1982, 90 min. Producer: Judy Irving; Ruth Landy. Director: Judy Irving, Chris Beaver. Distributor: Independant Documentary Group, fee: Negotiable.

A documentary focusing on the effect and role of nuclear weapons and technology in the lives of today's Americans, exploring the inner workings of bomb production and tracing back to the beginning of the Atomic Age through interviews with people who have had first-hand experience with the production, testing and use of nuclear weapons, including survivors of the Hiroshima and Nagasaki bombings. DLB

*** Day After Trinity: J. Robert Oppenheimer and the Atomic Bomb, 16mm, color, 1981, 90 min. Producer/Director: Jon Else. Distributor: Pyramid Film and Video; fee: $125.

This is a profile of J. Robert Oppenheimer through the eyes of his family, his friends and the scientists who joined him in the race to perfect the bomb. It focuses on the events leading up to July 16, 1945, the day the first bomb was tested at the Trinity site in New Mexico, marking our passage into the Atomic Age. Combining archival footage with interviews, Day

After Trinity links the Manhattan Project with continuing nuclear proliferation, and examines how a humanist scholar and scientist became the architect of "the most destructive weapon." MNG

** Decision to Drop the Bomb, 16mm, b/w, 1965, 35 min. and 82 min. versions. Producer: NBC. Director: Fred Freed. Distributors: Films Inc.; fee: $55. (short version), $125. (long version--see below) EMC Berkeley; fee: $22. Michigan Media; fee: $8.95.

A review of the period from President Roosevelt's death to the detonation of "Little Boy" over Hiroshima 35 days later, this film concerns the decision-making process in 1945 and includes an analysis of its justification twenty years later by those who were responsible. DLB

How and why was the decision made to drop the bomb on Hiroshima? This film reviews the period between Roosevelt's death to that day in 1945, as described by many of the participants in the decision--scientists, generals and political figures from both sides. The decision is posed as a question of military advantage vs. mass destruction and death. Couching it a decision to end the war and save lives, Truman said later, "I never suffered one minute of regret." In following the history of the event, the film reveals some of the decision-making process of the time. (The short version leaves out the scientists' reservations and the alternative proposal they made.) MNG

** Direct Action, 16mm, color, 54 min. Producers: Stephan Doran; Robert Jacobs. Distributed by: American Friends Service Committee, donation: $15., and by Green Mountain Post Films, price: $45. - $100.

A film about the nonviolent direct action campaign to stop the Diablo Canyon nuclear power plant in California. Included are interviews with Dr. Helen Caldicott, Daniel Ellsberg, Ray Fleming of Abalone Alliance and David Hartsough of AFSC. AFSC

*** Dr. Strangelove: Or, How I Learned to Stop Worrying and Love the Bomb, 16mm, B&W, 1964, 93 min. Producer/ Director: Stanley Kubrick. Distributor: Swank Motion Pictures, fee: negotiable.

A biting satire on the military mind, anti-Communist hysteria and bumbling good intentions--the things we rely on to prevent nuclear war--nuclear deterrence, technological gimmicks and good will are all shown to be the very things that could lead to nuclear destruction. DLB

** Effects of Nuclear Weapons (Part 1), The, 16mm, color, 1962, 13 min. Producer: Defense Nuclear Agency. Distributor: Defense Nuclear Agency, fee: limited loans negotiable.

An introduction to a film series which explains the basic effects of nuclear weapons, including footage of explosions and of their effects on humans and the environment. DLB

** Eight Minutes to Midnight, 16mm, color, 1981, 60 min. Producer: Mary Benjamin for the Caldicott Project. Distributor: Direct Cinema Limited; fee: $75. (for classroom use)

This film is a documentary portrait of pediatrician, author and activist, Helen Caldicott. It shows a woman who, despite the demands of being a mother and a professional, has committed herself to informing the public of the medical dangers of nuclear radiation. The film follows Dr. Caldicott as she tours, speaks and writes on the nuclear issue. On a 1979 tour of Australia, she points out the dangers of proposed uranium mining on Aboriginal lands. Back in the US, she completes her book, Nuclear Madness: What You Can Do, visits Three Mile Island, Rocky Flats nuclear weapons arsenal, a meeting of Native Americans in New Mexico, and addresses the 1979 anti-nuclear march on Washington. In the last scene, Caldicott addresses a group of physicians, urging them to join her in a commitment against the nuclear threat. Throughout the film, Caldicott speaks about how radiation will continue to affect not only us but our children and future generations, and encourages the audience to take a stand and get involved. MNG

* Fable Safe, 16mm, color, 1971, 9 min. Producer: Sumner Glimcher. Distributors: Museum of Modern Art, fee: $20.; EMC Berkeley, fee: $18.

An animated satire which points up the folly of the spiraling arms race amoung nations and presents a comment on the race's relation to national security, using the drawings of cartoonist Robert Osborn. DLB

*** Fail Safe, 16mm, B&W, 1964, 111 min. Producer: Max Youngstein. Director: Sidney Lumet. Distributors: Contemporary/McGraw Hill, fee: $42.; Budget Films, fee: $36.

A dramatic exposure of the alarming possibilities of accidental nuclear war caused by a computer error... DLB

* Fusion: The Ultimate Fire, 16mm, color, 1976, 14-1/2 min. Producer: Jim Vefileux, Film Operations. Distributors: Department of Energy Film Library, free loan; Washington State University, fee: $9.75.

An examination of man's search for the ultimate energy--the nuclear fire that powers the sun, including an introduction to the energy problem, an animated depiction of the nuclear fusion process, and ... the work of scientists to make use of this abundant fuel. DLB

*** Hiroshima, Mon Amour, 16mm, B&W, 1959, 88 min. Producer: Samy Halfon. Director: Alain Resnais. Distributors: Corinth Films, fee: $80. - 100.; Films Inc., fee: $110.

A story which tells something new about why war is destructive to all concerned, this follows a French actress through her travel to Hiroshima to make a film on peace, and the various experiences she encounters there.

DLB

A lyric, haunting film, subtle in its use of visual metaphor. (French with English titles?) For mature audiences. GMGB

*** Hiroshima-Nagasaki, August 1945, 16mm, b/w, 1970, 16 min. Directed by Akira Iwasaki, 1945; written by Paul Ronder and edited by Erik Barnouw, 1970. Distributors: Museum of Modern Art, fee: $35.; EMC Berkeley, fee: $17.; American Friends Serivce Committee, fee: $17.; Michigan Media, fee: $5.25.

Photographed by Japanese cameramen during the first weeks after the bombs fell on Hiroshima and Nagasaki, the footage in this film was seized by the U.S. government and kept secret for over twenty years. In stark black and white, with sparse, eloquent narration, the film portrays the bombs' aftermath in the two cities--the shadows of people and objects permanently etched into sidewalks, the gruesome burns and radiation sickness suffered by thousands of inhabitants, the vast expanses of buildings collapsed and destroyed. The film is less a historical record that a plea never to drop a bomb again. Its last words remind us that the bombs we have now are many times more powerful than those dropped on Japan. MNG

** Hole, The, 16mm, color, 1962, 15 min. Directed and animated by John and Faith Hubley. Distributor: Films Incorporated, fee: $30.

This is an entertaining and engaging animated film which counters the common tendency to ignore the possibility of nuclear war. Digging a foundation underground, two construction workers argue about the cause of accidents, from dropping glasses to nuclear bombs. (The voices are those of George Mathews and jazz musician Dizzy Gillespie.) When a nearby crane drops its load with a heavy crash, the workers believe-- and imagine--that a bomb has destroyed the city above them. The point is evident: the need to disarm. (Films Inc. also carries two other related films by the Hubleys, The Hat, and The Voyage to Next, both of which also have scores by Dizzie Gillespie.) MNG

** I Live in Fear, 16mm, B&W, 1955, 105 min. Director: Akira Kurosawa. Distributor: Films Inc.; fee: $95.

A feature film made in Japan, this portrays the terrifying threat posed to the Japanese by the atomic bomb; an industrialist's family reacts to the bomb and its apocalyptic consequences in divisive and poignant ways. DLB

** In Our Own Back Yards: Uranium Mining in the U.S., 16mm, color, 1982, 29 min. Producer: Eleventh Hour Films. Director: Pamela Jones, Susanna Styron. Distributor: Bullfrog Films; fee: $40.

An examination of the impact of the mining and milling of uranium--a delicate and often dangerous process involving the creation of millions of tons of radioactive waste--on the environment, and on the health of workers and nearby residents. DLB

** Incident at Brown's Ferry, 16mm, color, 1977, 58 min. Producer: WGBH-TV. Distributors: Washington State University, fee: $19., and Time-Life Films, fee: $60.

An exploration of questions about nuclear safety, regulations and human failure, examining what happened in the particular case of the 1975 fire at the nation's largest nuclear power plant, and why it came so close to disaster. DLB

** Language of Faces, 16mm, b/w, 1963, 17 min. Distributed by American Friends Service Committee, donation: $7.

A sobering portrayal of American life under a "balance of terror," concluding with a moving Quaker vigil for the renunciation of violence. John Korty's classic documentary, winner of 11 festival awards, timeless in its impact. AFSC.

Poetic images and an underplayed voice-over are powerfully combined. The format works well for adults but is too abstract for children. GMGB

*** Last Epidemic, The, 16mm, color, 1980, 36 min. Producer/Director: Ian & Eric Thiermann, Impact Productions. Distributors: Resource Center for Non-Violence, fee: $45. (video, 3/4" or 1/2"), or $75. (film). American Friends Service Committee, donation: $25.; Physicians for Social Responsibility, fee: $25.

"The most effective tool we have to educate the public to the effects of nuclear war." --Helen Caldicott. The film uses footage from U.S. atomic bomb tests and from Hiroshima to show the results of a 20 megaton blast on San Francisco. Sobering presentations by medical and military experts debunk the notion that there can be any kind of survival after an exchange of nuclear weapons. AFSC.

A documentary of the Fall 1980 conference of the Physicians for Social Responsibility in San Francisco.... DLB

Available for $45. (video) or $75. (film) from the Resource Center for Non-Violence and Physicians for Social Responsibility. In addition to renting the film, PSR makes The Last Epidemic available as a videotape through all its local chapters. Local PSR chapters will also provide free speakers on the subject. For information contact PSR's national office. MNG

For Spanish-speaking audiences: The Nuclear Disarmament Project (see Human Resources) offers a casette to accompany showings of The Last Epidemic. The resulting effect is similar to that of dubbing. Please call Bill Williams or Pia Moriarty for details. (415) 552-0353.

* Last Resort, The, 16mm, color, 1977, 60 min. Distributors: American Friends Service Committee, donation: $15., also Green Mountain Post Films, fee: $45. - $100., and Michigan Media, fee: $23.

A moving documentary about the fight to keep a nuclear power plant from being built at Seabrook, New Hampshire, showing the stubborn refusal of the State Government to listen to what its constituency felt and said; ending with footage of the 1977 plant occupation. DLB

*** Lovejoy's Nuclear War, 16mm, color, 1975, 50 min. Producer: Green Mountain Post Films. Director: Daniel Keller. Distributors: American Friends Service Committee, donation: $10.; Green Mountain Post Films, fee: $45. - $100.; Michigan Media, fee: $22.60.

Simply excellent. Award-winning documentary about the man who toppled a 500 ft. observation tower at the construction site of a nuclear power plant in Massachusetts. A revealing and enjoyable account of the beginnings of the anti-nuclear movement in New England, and as excellent introduction to the practice of civil disobediance. AFSC.

** Magician, The, 16mm, B&W, n.d., 17 min. Distributed by American Friends Service Committee, donation: not specified.

A modern allegory dealing with a fairgrounds showman who interests a group of young boys in a deserted shooting gallery. Against their own natural inclinations, he teaches them how to shoot, first for fun, then without thinking. The preparation for war, manipulation of human minds, war itself, and its tragic and inevitable results are reduced to their simplest and most personal terms. AFSC.

* Medical Aspects of Nuclear Radiation, 16mm, color, 1951, 19 min. Producer: Defense Nuclear Agency. Distributor: Defense Nuclear Agency, fee: Limited Loans Negotiable.

An explanation of the effects of radiation on humans which compares blast and burn effects and different types of radiation, using animation to depict bomb explosions and documents the destruction of Hiroshima and Nagasaki. DLB

* Medical Implications of Nuclear Energy, The, 16mm, color, 1979, 38 min. Producer: Earth Energy Media. Director: Charles Bensinger. Distributed by Earth Energy Media, fee: $25.

A film featuring Dr. Helen Caldicott speaking on the health impact of nuclear technology. DLB

** More Nuclear Power Stations, 16mm, color, 1977, 48 min. Producer: Per Mannstaedt, Flip Film Productions. Distributors: Green Mountain Post Films, fee: $45. - $100., and Michigan Media, fee: $23.45.

A Danish documentary providing a rare glimpse into the workings of the nuclear power industry, which shows the path of the nuclear fuel process from the reactor core to the disposal of waste, and presents a look at the

machinery of the nuclear age, its functions and the choices it now presents. DLB

* Nick Mazzuco: Biography of an Atomic Veteran, 16mm, color, 1982, 22 min. Producer/Editor: Richard Schmiechen. Distributor: Green Mountain Post Films, fee: $30. - $55.

A non-fiction narration of the story of Nick Mazzuco, one of 250,000 GI's who, under orders, experienced the blasts of 18 atomic bomb explosions from trenches as close as one and a half miles from the testing site; this film examines the health effects of ionizing radiation and the scope and consequences of Government tests. DLB

** No Act of God, 16mm, color, 1979, 28 min. Producer: National Film Board of Canada; Ian Ball; Sydney Goldsmith. Distributor: Bullfrog Films, fee: $35.

An overall introduction to nuclear energy including nuclear fission, the breeder reactor, the principles of nuclear technology. This film emphasizes several problems: the lack of safe waste disposal systems, the threat of terrorist activity and the worldwide proliferation of plutonium for weapons. DLB

** No Place to Hide, 16mm, b/w, 1982, 28 min. Producer/Director: Tom Johnson, Lance Bird. Distributor: Direct Cinema Limited, fee: $40. (negotiable)

A story of a child growing up in the Cold War years, when fallout shelters and school desks were considered viable means of surviving an attack, the film includes clips of rare classified footage. DLB

** Nuclear Countdown, 16mm, color, 1978, 28 min. Producer: Ramakantha Sarma for U.N. Productions. Distributors: American Friends Service Committee, donation: $15.; Journal Films, fee: $40.

Documents the history of the nuclear arms industry, the development of disarmament policies and treaties, and the U.N.'s role in the process of disarmament. Its approach is low-keyed and forceful... AFSC

** Nuclear Nightmares, 16mm, color, 1980, 90 min. Producer: Peter Batty for BBC. Director: Nigel Calder. Distributor: Corinth Films, fee: $175.

Peter Ustinov is the host of this examination of four possible scenarios for nuclear holocaust. The scenarios take the form of four "nightmares" that depict circumstances leading to nuclear conflict: escalation, proliferation, accident and pre-emptive first strike. Each sequence culminates in a fallout shelter where Ustinov reveals how the catastrophe happened.

Filmed in Western Europe and the Middle East, Nuclear Nightmares shows US, Soviet and NATO defense systems as well as rare scenes of Soviet soldiers

at nuclear missle bases, and includes statements from experts in its examination of military systems and hardware all over the world. Its approach has been called irreverent and somewhat cynical, but one that appeals to the hope of avoiding nuclear war. MNG

* Nuclear Waste Isolation: A Progress Report, 16mm, color, 1981, 25 min. Producer: Department of Energy. Director: Bill Biegler. Distributor: Modern Talking Picture Service (PG&E), fee: Free Loan; Battelle Project Management Division, fee: Free Loan.

An illustration of the latest in technological progress toward a permanent geologic repository for nuclear waste, emphasizing safety and containment, and providing a look at the isolation technology underway at our leading governmental research facility. DLB

** On the Beach, 16mm, b/w, 1959, 133 min. Producer/ Director: Stanley Kramer. Distributors: Films Inc., fee: $90.; United Artists, fee: $150.

A coverage of the historical and contemporary dimensions of the nuclear dilemma, with a depiction of certain death for the remaining survivors of a nuclear war due to poisoning from radioactive fallout. DLB

*** Paul Jacobs and the Nuclear Gang, 16mm, color, 1979, 60 min. Producer: Jack Willis. Director: Jack Willis, Saul Landau. Distributors: New Time Films Inc., fee: $75., Resource Center for Non-Violence, fee: $25. - $50., the Institute for Policy Studies, fee: Not Specified.

A powerful documentary about the U.S. Government's attempts to suppress information about the health hazards of low-level radiation ... to protect nuclear arms and power programs, and also about Paul Jacobs, political activist, filmmaker and journalist--one of the first to expose the government cover-ups. DLB.

** Play Half Written: The Energy Adventure, A, 16mm, color, 1979, 28 min. Producer: Atomic Industrial Forum. Distributed by Modern Talking Picture Service (PG&E), Free Loan, Northern and Central California only.

A thoughtful and exciting celebration of man's inventiveness and the vital role of energy, which explores its relationship to human achievements. DLB

*** Plutonium Connection, The, 16mm, color, 1976, 59 min. Producer: WGBH-TV for NOVA. Distributors: Iowa State Films, fee: $26.; Michigan Media, fee: $22.; Time-Life Video, fee: $60.

A film which fairly and unemotionally points out the potential consequences of plutonium proliferation, including storage leaks, space and safety problems as nuclear waste accumulates, terrorism, and other related risks. DLB

* Radiation and Health, 16mm, b/w, 1978, 18 min. Producer: Green Mountain Post Films. Distributor: Green Mountain Post Films, fee: $20. - $45.

A lively filmed debate between anti-nuclear activist Dr. Helen Caldicott and utilities spokesman Reginald C. Rogers on the health dangers of irradiation and whether or not there is an acceptable level of radiation. DLB

** Radiation . . . Naturally, 16mm, color, 1981, 29 min. Producer: Atomic Industrial Forum. Distributor: Modern Talking Picture Service (PG&E), fee: Free Loan (Northern and Central CA only).

An introduction to the basic principles of radiation as a scientific phenomenon, covering radiation sources, its applications, effects, benefits and risks--presented by experts in the radiation field. DLB

* Salt Syndrome, The, 16mm, color, 1980 Producer: American Security Council, Education Foundation. Distributor: American Security Council, fee: $25.

Using exciting Soviet footage to illustrate the Soviet arms build-up, this film shows how the U.S. has, for the past seventeen years, been unilaterally disarming. It includes statements by experts in the field of U.S. - Soviet relations: Alexander Haig, Henry Jackson, Howard Baker and others, and concludes that SALT II would lock the U.S. into a definitive position of inferiority. DLB

** Save the Planet, 16mm, 35mm, color, 1979, 18 min. Producer: Green Mountain Post Films. Distributor: Green Mountain Post Films, fee: $25. - $55.

A fast-paced montage history of the atomic age and the escalating debate over nuclear power, including endorsements of the "peaceful atom" from President Truman to President Nixon, and tracing back from Hiroshima to today's nuclear power plants. DLB

* Sea We Cannot Sense, A, 16mm, color, 1973, 27 1/2 min. Producer: Department of Energy. Distributor: National Audio Visual Center, fee: $50./week.

A film which depicts the "sea we cannot sense" as that one aspect of nature we can neither see nor feel--unlike wind, light, cold or texture--that one aspect being radiation. DLB

*** Selling of the Pentagon, The, 16mm, b/w, 1971, 52 min. Producer: Peter Davis for CBS News. Distributor: the United Church of Christ, fee: $18. (Rebuttal available; see below.)

This uncompromising film examines the Pentagon's public relations activities in terms of where our taxes go. The costs of these activities, in 1971, came to between $30 million and $190 million. The activities included free VIP junkets for businessmen to see costly war games, tours by

colonels to promote pro-war ideology and a $6.5 million budget for film, radio, and television programming to further enlist public support. The film suggests that the Pentagon uses its public relations not only to inform, but also to persuade the public on issues of war and peace.

This documentary elicited vast protest from the military industrial complex when first broadcast. The response (also available on 16mm film), The Rebuttal of the Selling of the Pentagon, subsequently aired on CBS, features Spiro Agnew, Melvin Laird and Richard Salant, president of CBS, among others. (Rebuttal available from Carousel Films; inquire for rental fee.) MNG

** Sentanced to Success, 16mm, color, 1977, 60 min. Producer: Cine Information Documents, France, with the cooperation of the French Atomic Workers Union. (In French with English subtitles.) Distributor: Green Mountain Post Films, fee: $45., $65., or $100. (depending on the nature of the screening).

The effects of radiation pose a danger to thousands of nuclear workers every day. Sentanced to Success focuses on occupational environmental hazards at La Hague nuclear reprocessing plant on the coast of France. The plant receives nuclear wastes from around the world, salvaging elements to be re-used in other nuclear reactors. Workers talk about contamination, problems with the protective clothing they are issued, and the uncertainty of their jobs. Concrete tunnels pump radioactive liquids into the Atlantic Ocean. Townspeople feel the plant was imposed on them without consultation, while local mayors criticize the lack of evacuation plans.

We tend to think of radioactive waste in terms of how to dispose of it. The people put to work reprocessing that waste encounter its dangerous effects intimately. MNG

** Short Vision, A, 16mm, color, 1956, 7 min. Producer: Peter Foldes, Joan Foldes. Distributors: EMC Berkeley, fee: $18.; Michigan Media, fee: $5.50.

An intruiging animated short which hauntingly depicts the destruction of all life following an atomic bomb attack, and suggests the devastating outcome of nuclear warfare. DLB

* Survival...Or Suicide, 16mm, color, 1979, 24 min. Producer: Jeane V. Mattison. Distributor: American Committee on East-West Accord, fee: $50.

A documentary on the strategic military forces of the U.S. and the Soviet Union, covering a war-scenario that might lead to a full-scale nuclear exchange, and including footage of attempts by U.S. presidents to control arms while maintaining adequate defense, as well as an explanation of the SALT process and its ratification. DLB

** Survivors, 16mm, color, 1982, 60 min. Producer: Frances Politeo, Steven Okazaki. Director: Steven Okazaki. Distributor: Survivors Film Project, Japanese-American Citizens League, fee: $100. (negotiable)

A documentary which examines the profound psychological and financial hardships which characterize the lives of one thousand socially neglected survivors of the Hiroshima and Nagasaki atomic bomb catastrophes who are now living in the U.S. DLB

** Tale of Two Cities (Hiroshima-Nagasaki), 16mm, b/w, 1949, 12 min. Producer: U.S. Army (USNAC). Distributors: EMC Berkeley, fee: $15.; Michigan Media, fee: $5.25.

A U.S. Army propaganda film showing Hiroshima and Nagasaki after the bombings, with an emphasis on the material damage and little mention of the accompanying human suffering. DLB

* Three-Two-One-Zero, 16mm, b/w, 1958, 54 min. Producer: NBC. Distributor: Kent State University Audio Visual Department, fee: $21.75.

A documentary of the people and events affecting the development of the atomic bomb, and those who were affected by it, showing the world on the eve of the first atomic bomb explosion, as well as many Cold War activities. The film also dramatizes the effort of the U.S. to guard atomic secrets and promote effective U.N. control and supervision of atomic energy. DLB

*** War Games (a.k.a.: The War Game), 16mm, b/w, 1966, 49 min. Producer: British Film Institute. Director: Peter Watkins. Distributors: Films Inc., fee: $150.; Indiana University, fee: $19.50; Michigan Media, fee: $20.65.

A postulation of the day when diplomacy fails, nations are backed into corners and bluffs are called, simulating the grim effects of a nuclear attack on Britain based on information supplied by experts in nuclear defense, economics and medicine. DLB

A powerful, almost grueling presentation, creating a hypothetical instance in which the gripping effects of (nuclear) war upon human health, society and psyche seem devastatingly real. GMGB

...Staged interviews with people "on the street" reveal general ignorance of the extent of arms proliferation and a sense of distance from the terrifying hypothetical situation. ...This film was banned by the BBC once it had been produced. It hits hard and should be used in conjunction with other films, literature or speakers to keep uninitiated audiences from merely feeling numbed. MNG

*** War Without Winners, 16mm, color, 1978, 28 min. Producer: Harold Willens for the Center of Defense Information. Director: Haskell Wexler. Distributors: Films Inc., fee: $50.; American Friends Service Committee, donation: $15.; Physicians for Social Responsibility, fee: $25.; Michigan Media, fee: $11.90.

A fresh and delightful appeal to reason that makes you want to stop building bigger weapons and start living. A look at arms control from the point

of view of common people. Moving segments of Eisenhower's speeches against developing nuclear arsenals are interwoven with music and interviews of Russians and Americans on the street and arms control specialists. The film clearly shows that while big money is to be made in the arms race, there are no winners in a nuclear war. None! An excellent counter to those pushing increased arms spending. Narrated by Rear Admiral Gene R. LaRocque, U.S. Navy (ret.). AFSC.

A documentary compiling interviews with both American and Soviet citizens who express their fears, thoughts and hopes about the future of an age of nuclear weapons, including factual interviews with former high-ranking military and government officials. DLB

* Washington to Moscow Peacewalk, 16mm, 1982, 15 min. Distributed by American Friends Service Committee, donation: $10.

About the beginning of the Nuclear Freeze Campaign. Includes footage of the grassroots peace movement in Vermont, the Children's Campaign for Disarmament and excerpts of speeches by J.K. Galbraith, Senator Patrick Leahy and Soviet diplomat Yuri Kapralov. Graphically demonstrates that even a small group of concerned citizens need not feel helpless in the face of the nuclear threat. AFSC.

* We Are the Guinea Pigs, 16mm, color, 1980, 90 min. Producer: Parallel Films. Director: Joan Harvey. Distributed by Parallel Films, fee: $90.

A powerful but abrasively biased documentary showing the violent effects of the catastrophe of Three Mile Island--including interviews with residents, farmers, scientists and doctors-- which educates the viewer as to the dangers of radiation, the hazards of commercial reactors and their links to the armaments industry. DLB

* Which Way the Wind?, 16mm, 1960, 27 min. Distributed by American Friends Service Committee, donation: $5.

John Raitt, Marsha Hunt and James Whitmore dramatize the suicidal nature of violence between nations in this nuclear age. Through scenarios and excerpts from books, the performers show the war mentality that has developed in our society. AFSC

* Who's In Charge Here?, 16mm, color, 1980, 15 min. Producer: Herb Goro for the Institute of World Order, with the International Association of Machinists and the United Nations Association of the U.S.A.; narrated by Eli Wallach. Distributor: Operation Turning Point, fee: $20.

Who's in Charge Here? looks at the impact U.S. military spending has on our ecomomy--jobs, taxes, and inflation--from a human, personal viewpoint. A group of defense workers at United Technologies talk about energy, inflation, mass transit and military spending and security. This films argues that adequate security is possible without escalating the arms race or

military spending. By rethinking our priorities and converting our economy, it says, we can move toward job security and economic stability. MNG

B. VIDEO

** Blockade at Diablo, video, color, 1981, 18 min. Producer/Director: David L. Brown. Distributor: Energon Films, fee: Not Specified.

A documentary coverage of the protest blockade of the Diablo Canyon Nuclear Power Plant, California, in September of 1981. Since the blockade, PG&E has revealed that the wrong blueprints were used in the plant's construction, which has resulted in its investigation by the Nuclear Regulatory Commission. DLB

* First Strike, video, color, 1980, 26 min. Producer/Director: Fleming Fuller. Distributor: Chronicle Productions, fee: $100./week.

A hypothetical presentation of a pre-emptive Soviet nuclear attack, making that attack plausible and realistic, which ends with America choosing between submitting to the Kremlin's demands or facing total annihilation. DLB

*** Nuclear Neighbors: Fission in the Community, video, (3/4" U-Matic, VHS and Beta), color, 1982, 60 min., producer and distributor: Cultural and Educational Media, P.O. Box 253, Lagunitas, CA 94938, (415) 566-8666, fee: $75. (rental), $650. (purchase).

Nuclear Neighbors was designed to introduce the nuclear power controversy into American junior high and high school classrooms. Through an excellent collection of interviews with PG&E workers and people who live near the Diablo Canyon Nuclear Power Plant, the emotions involved in this issue are powerfully communicated. Data sheets which present the factual arguments of both the nuclear industry and various anti-nuclear organizations will accompany the video tape. GMGB

*** Nuclear Nightmares, video, color, 1979, 52 min. Producer: Peter Batty for BBC. Director: Nigel Calder. Distributor: Corinth Films, fee: $115. - $175.

(See listing under Films section. Note length difference between video and film versions.)

** Plutonium: An Element of Risk, video, color, 1977, 59 min. Producer: Loring d'Usseau; KCET-LA. Director: Richard Ouine. Distributor: Public Television Library, fee: $95.

An overview documentary which explores the serious dangers of nuclear power's by-product, plutonium, and includes interviews with several different nation's energy officials. DLB

* Thinking Twice About Nuclear War, 3/4" video, color, 1981, 30 or 58 min. (two versions?). Producer: Evelyn Messinger for Public Interest Video Network. Director: Mark Centowski. Distributors: Public Interest Video Network, fee: $75./week; Skye Pictures, fee: $40.

An examination of how Americans are responding to the risks of the arms race and a documentary of the efforts of individuals who are working to prevent nuclear war, using a combination of documentary portraits, historical footage and original animation. DLB

Thinking Twice is about a middle-class American family coming to grips with the realities of the nuclear arms race and its implications for their personal security. The Strandberg family lives in Richmond, Virginia, a likely nuclear target located between Washington, D.C. and the military installations at Norfolk. Like most Americans, they knew little about the arms race or nuclear war before the film was begun. Together, the family views television programs and attends a public forum on the issue. As the film proceeds, they have dinner with a survivor from Hiroshima, tour a nuclear-armed ship and picnic in the backyard with an expatriate Russian family. Each family member responds differently to this new knowledge and perspective on the implications of the arms race. MNG

** Women and Power in the Nuclear Age, 3/4" video, color, 1981, 30 min. Producer: High Hopes Media. Distributor: High Hopes Media, fee: $40.

Dr. Helen Caldicott, the anti-nuclear activist and physician, discusses grassroots tactics for anti-nuclear activity. She recalls her early reactions to the potential horrors of nuclear warfare and her long-term commitment to fighting nuclear war technology. She warns women not to get caught in the male scientific ethic of "never speaking unless you are totally correct", and advocates instead a reliance on intuition: We know intuitively that "the men who build bombs are separated from reality" and that we can do something about it. Caldicott advocates direct action without waiting for massive organizational backing, recalling her early experiences fighting French H-bomb tests in the South Pacific, and stresses that people can be reached by common sense. As an example, she describes the about-face of union uranium miners when confronted with the information on the effect of radiation on their testicles. MNG

C. SLIDES/FILMSTRIPS

** Acceptable Risk? The Nuclear Age in the United States, slide/tape, 1980, 35 min. Produced by NARMIC. Distributor: American Friends Service Committee,

donation: $15.

Demystifies the complex technology and documents the human cost of the development, production and testing of nuclear weapons and power. It highlights corporations which manage the nuclear age, atomic workers, members of the military, innocent bystanders, and the people of Hiroshima. This show challenges all of us to consider whether the risks of the atomic age are really acceptable. AFSC

This widely-used slideshow explores the link between nuclear weapons and nuclear power, giving testimony from experts and victims who document the risks and propose alternatives. It gives an overview of the production of nuclear power and weapons--from uranium mining through the nuclear fuel chain to electricity, bombs and radioactive waste. It highlights the corporations that manage the nuclear industry, and gives voice to the people affected by the nuclear age--Navajo miners, atomic workers, members of the armed forces, people from communities near nuclear test sites, and a survivor of Hiroshima. Acceptable Risk? challenges its audience to consider whether the risks of the atomic age are acceptable, and proposes that alternatives are possible. MNG

While the information given is lush and follows a logical progression, the sheer amount of tightly packed facts is somewhat overwhelming. For the purposes of assimilation and discussion, it works well to present it in several sessions. The format of this slide show lends itself easily to this type of division. GMGB

** Are You a Conscientious Objector? Resisting War in the '80s, 16mm, slideshow, 1981, 17 min. Written and researched by Larry Spears. Producer: Ellie Buckley, B & B Productions. Distributor: Central Committee for Conscientious Objectors, $15. (CCCO also distributes a handbook and other materials on conscientious objection.)

This slideshow, made for an audience of draft age, introduces the concepts of war resistance, conscientious objection and the draft. It touches on the history of war objection and addresses problems surrounding military service. The forms of resistance described include draft resistance and legal and illegal conscientious objection, such as refusing to bomb cities or objecting to particular wars. The slideshow stresses that different people reach different decisions in their response to war and the draft. MNG

A Christian-oriented slideshow on the same theme, designed for religious audiences, is Every Heart Beats True, available for $12. from Packard Manse Media Project. MNG

** Atomic Age: A Trail of Victims, slide/tape, 1980, 20 min. Distributed by American Friends Service Committee, donation: $10.

Documents in a very personal way the plight of veterans, Native Americans, uranium miners and nuclear workers suffering because of exposure to radiation. It inspires viewers with its closing description of the

victims' organization for resistance and redress. AFSC

* Atomic Power and the Arms Race, slide/tape, 1977, 40 min. Distributor: American Friends Service Committee, donation: $10.

Shows the connection between nuclear power and nuclear weapons. Gives a complete analysis of the American nuclear arsenal, along with military strategy and gives a thorough look at the arms race between the U.S. and U.S.S.R. AFSC

* Guns or Butter, slide/tape, 1978, 30 min. Distributed by the American Friends Service Committee, donation: $5.

A discussion of our nation's economic priorities, narrated by Paul Newman. Dated information, but useful with a discussion leader.

** H-Bomb Secret, The, slide/tape, 1979, 30 min. Producer/Director: Howard Moreland. Distributor: American Friends Service Committee, donation: $10.

Directed and produced by Howard Morland, author of the Progressive magazine's controversial expose' on the making of a nuclear bomb. It names and locates the corporations which produce our arsenal of nuclear warheads, bombs and delivery systems, and places the primary responsibility for reversing the arms race directly on the U.S. AFSC

An educational presentation concerning the history and scientific components of the H-bomb, covering where the bomb was created, how it was built and how it got out of hand. DLB

*** Hiroshima-Nagasaki 1945, slide/tape, 1970, 20 min. Distributed by American Friends Service Committee, donaition: $10.

There is no more realistic description of the horrors of nuclear war. Edited in 1970, this footage was filmed by Japanese cameramen during the first week after the atomic bomb attacks, seized by the U.S. occupying forces, and kept secret by our government for 25 years. AFSC

*** I Have Three Children of My Own, slide/tape, 1979, 10-20 min. Producer: Packard Manse. Editor: Patrick Hughes. Distributor: American Friends Service Committee, donation, $7.

A fast-moving, captivating presentation of the dangers of radiation poisoning and genetic damage from nuclear power plants and weapons facilities, based on the research of Dr. Helen Caldicott. Excellent for audiences just becoming aware of the connections between the production of nuclear weapons and nuclear power. AFSC

* Livermore Action, slide/no tape, "speakers are available to accompany the

show," 1982, 30 min. Distributed by American Friends Service Committee, donation: not specified.

A detailed description of the work done at Univ. of CA's Livermore Lab, including development of first strike nuclear weapons and opposition to arms control treaties. Concludes with the non-violent actions designed to challenge such nuclear weapons work. Speakers are available to accompany the show. AFSC

*** Let's Grow Up, slide/tape, 1982, 15 min. Sponsored by Films Art Foundation and Kids for Peace. Distributor: Michael Litle, fee: Not Specified.

Slide presentation that aims to encourage debate through thought-provoking montage of young and old citizens, voicing their ideas and feelings about the nuclear arms race. FAFKP

This radiantly uplifting slideshow is by and about kids who performed civil disobediance against Lawrence Livermore National Laboratory during an anti-nuclear weapons demonstration. On the tape the kids discuss what their reasons are for demonstrating; how their friends and family feel about the kids' civil disobediance, and concensus decision-making within their affinity group. The (realistic) consequences of their action are also shown and discussed. GMGB

** Marshall Islands: America's Radioactive Trust, slideshow, n/d, 25 min. Produced and Distributed by the Micronesia Support Committee, fee: Not Specified.

This slideshow examines the legacy of the United States nuclear testing in the Marshall Islands from 1946 to 1963. During that period, the United States detonated over seventy nuclear bombs in the area, including the infamous tests on the Bikini Atoll. In the process, much of the islands' population was relocated. Many of those who were not relocated experienced the effects of radioactive fallout and were subsequently used as guinea pigs... The existence of nuclear bases in the Pacific continues to this day, and is of grave concern to the people who live there, although not widely publicized in the United States. Additional written information is available from the Pacific Concerns Resource Center, Box 27692, Honolulu, HI 96827; (808) 538-3522. MNG

** Mid-Penninsula Conversion Project, slide/tape.

The Northern California Ecumenical Council's tour in Russia in 1981 is a wonderful opportunity to visit Russian people of various backgrounds. One area visited was Tashkent. The show is booked far in advance, but persistance is worth the effort. ESRB

*** Nuclear War Graphics Package, 130 slides/no tape, 1982. Distributed by American Friends Service Committee, donation: $5.

An indispensible tool for educators and activists who give illustrated talks on nuclear weapons, the arms race and nuclear war. Slides on Hiroshima and Nagasaki, nuclear tests, the principles and production of nuclear weapons, the destructive capacity of new weapons systems, and other related topics. AFSC

** Race Nobody Wins, The, slideshow, color, 1981, 15 min. Producer: SANE; narrated by Tony Randall. Distributor: SANE, fee: $10.

This presentation clearly lays out the dangers and costs of the international arms race. Taped quotes from Dwight Eisenhower, Amnesty International's Sean McBride and others supplement well-documented information about the funds we have spent on nuclear arms, the destructive capabilities of both super-powers, the increase in nations that have acquired nuclear weapons, and other aspects of the arms race. The slideshow comes with study and action guides as well as bibligraphy of recent publications on the arms race. MNG

* Supersonic, Swing-Wing Swindle: The Story of the B-1 Bomber, The, slide/tape, 1975, 30 min. Distributor: American Friends Service Committee, donation: $7.

An analysis of the B-1 bomber, a recent Reagan "resurrection." One of NARMIC's best investigations, it's now unfortunately dated in its figures. (Hope for an update.) However, it is still effective in its examination of the ties between the Pentagon and large corporations, showing how vast political power is regularly used to obtain military contacts. AFSC

** Threat of Nuclear War, The, slide/tape, 1981, 21 min. Distributor: American Friends Service Committee, donation: $5.

An excellent introduction to a discussion of the prospect of nuclear war. Originally prepared for the Nov. 11, 1981, Union of Concerned Scientists Convocation. AFSC

** Transfer: From Military Spending to Human Needs, slide/tape, 1977, 25 min. Distributor: American Friends Service Committee, donation: $7.

Clearly demonstrates how money put into educational and social programs could better stimulate the economy while providing more for human development than a stockpile of costly weapons. Very thorough and convincing. AFSC

*** Unforgettable Fire: Drawings by A-Bomb Survivors, slide/tape, color, 1975 (Japanese version), 1976 (English version), 15 min. Producer: The Japan Broadcasting System; English version by the Maine Peace Action Committee. Distributor: AMFC, donation: $10. or $15.; The Wilmington College Peace Resource Center, fee: $5.

Most of these slides are drawings by survivors of the A-bomb in Hiroshima.

In 1974, the Japan Broadcasting Company in Hiroshima put out a call for "pictures of the A-bomb". Survivors submitted over 2,000 drawings. When questioned about why they drew the pictures, the artists testified that it helped relieve some anguish of their souls and would lead others to understand the truth of nuclear war.

The narration explains the pictures and provides a chronological account of what happened--minute by minute--on that day in August, 1945. MNG

* Whose Budget is it Anyway?, slide/tape; filmstrip, 1982, 20 min. Producer: NARMIC and the Coalition for a New Foreign and Military Policy. Distributors: NARMIC/American Friends Service Committee, donation: $7.

All of the $6.9 billion in cuts in aid to the poor proposed for 1983 could be avoided by reducing the growth in Pentagon programs from 18% to 15% -- just one-sixth of the increase in military outlays for the year. This show voices our concerns about the loss of jobs, educational programs and supports for disadvantaged and elderly. It highlights the enormous increases in military spending and the growing danger of nuclear war. Finally, it reminds us that the budget is ours, if only we accept the challenge of working together. AFSC

A show which voices concerns about the loss of jobs, educational programs and supports for the disadvantaged and elderly, presenting the growing imbalance in federal spending on domestic programs and the military buildup, with interviews of people who are feeling the "squeeze" and are fearful of a nuclear holocaust. DLB

The information is valid, but I was dismayed by the overly simplistic style of presentation. GMGB

A list of factual sources for the slideshow is also available, along with a "Priorities Guide" (prepared by the Coalition for a New Foreign and Military Policy). MNG

D. OTHER A/V MATERIALS

*** "Earthstar Radio Show". (See Human Resource Section.)

** Effects and Dangers of Nuclear War, The, 16 mounted posters, 1982. Distributed by American Friends Service Committee, donation: $10.

This portable exhibit, with accompanying study guide, was produced for the United Nations Association. Its purpose is to inform people about the effects and dangers of nuclear war and to arouse the public to assess the value of a growing nuclear arsenal as the basis of our security. AFSC.

*** Educators for Social Responsibility, Santa Cruz, MULTI-MEDIA EXHIBIT, n/d. Distributor: Sigrid McLaughlin, fee: Not Specified.

Includes slides, drawings, and pictures to communicate information on the effects of nuclear war through a variety of senses. GAS

* Friends of the Earth, by John Brand, 45rpm record. Distributed by The Conservation Press, $2.00 per record; discounts on bulk orders.

The title song from this 45rpm record, and the accompanying folk/jazz piece, Livin' in Fear, speak in a clear voice for today's environmental concerns. Proceeds from record sales go to the Friends of the Earth environmental organization and The Conservation Press. CP

"Congratulations!" Pete Seeger.

*** MX Missile Model. Michael MeGee, phone (415) 652-7825. Available to borrow.

Twenty-five foot model of an MX missile, white with slogan on its side: "Mass X-termination". This "device" has been part of numerous demonstrations and blockades, including being "ridden" by "General Hate" in a street theatre drama with "Dr. Feller". MX needs a pick-up truck with a lumber rack for transport.

Stop the Presses! We just discovered that AFSC is standardizing the amount of their donation requests for A-V materials. As of December 1982, rental costs will be $15. for any film, and $10. for any slide/tape program.

FILM DISTRIBUTORS ARE LISTED IN APPENDIX B.

Chapter 6 PERIODICALS AND RESOURCE LISTS

A. Periodicals FOCUSING on Nuclear Issues

* Arms Control Today, Arms Control Association, 11 Dupont Circle, NW, Washington, D.C. 20036. Monthly publication. Subscription: $20 per year regular, $10 per year student or retired.

Especially useful is the "Arms Contol in Print" compilation of recent articles on arms control in the press and in specialty journals. CD

*** Bay Area Educators for Social Responsibility, Newsletter for members. To become a member, send $10.00 for one year membership to: ESR, c/o Rauchman, 55 Buckingham Way, #203, San Francisco, CA 94131.

Central communications link for several working groups in the San Francisco Bay Area. Includes information on events, publications, and opportunities for educational and political involvement in disarmament and related issues. CIS

*** Bulletin of the Atomic Scientists, 1020 East 58th Street Chicago, IL 60637. Monthly publication. Subscription: $19.50 per year.

An important source of articles on nuclear weapons, arms control and energy issues. CD

*** Countdown, Newsletter of the Federation of American Scientists Nuclear War Education Project, 307 Mass. Ave, NE, Washington, D.C. 20002 (phone: 202-546-3300). Ten issues per year. Subscription: $10 per year.

This excellent newsletter is packed full of resources, reports on past events, calendar of future events, research network updates, feature articles and more. (See Chapter 7 - Organizations for information about Federation of American Scientists). JB

** Evolutionary Blues, P.O. Box 4448, Arcata, CA 95521. $5.00 per issue.

A journal of original and reprinted writings on consciousness and the nuclear threat to planetary survival. RHR

** Groundswell, Nuclear Information Resource Service, 1536 16th Street NW, Washington D.C. 20036 (phone: 202- 483-0045). Bi-monthly newsletter.

Newsletter of a national clearinghouse and networking center for people concerned with nuclear issues. (See Chapter 7 - Organizations for information about the Nuclear Information Resource Service.) ESRB

** Humpty Dumpty Report, available from: Interhelp, 330 Ellis Street, rm. 505, San Francisco, CA 94102. $20.00 per 10 issues.

Writings intended to help people find creative responses to the nuclear threat. RHR

* It's About Times, Abalone Alliance. 2940 16th Street, rm. 310, San Francisco, CA 94103. Newspaper published 10 times per year. Subscription: $8 per year.

Main focus on opposition to nuclear energy in California. Makes connections with anti-nuclear and energy movements world-wide. (See chapter on Organizations for more information on Abalone Alliance.) SJS

* Journal of Civil Defense, American Civil Defense Association, P.O. Box 910, Starke FL 32091.

Presents information relating to civil defense, the survival of free government, the United States, and peace in the nuclear age. It is slanted to the non-technical reader. (See Chapter 7 - Organizations for information about the American Civil Defense Association). ESRB

* Not Man Apart, Friends of the Earth, 529 Commercial Street, San Francisco, CA 94111. Subscription: obtained by joining Friends of the Earth.

Newsletter which contains many articles on nuclear issues. (See Chapter 7 - Organizations for information about Friends of the Earth). ADG

* The Quarterly, Lawrence Livermore National Laboratory, P.O. Box 808, Livermore CA 94550.

Formerly titled Newsline, this quarterly magazine is published for Lawrence Livermore Laboratory employees and their families. Contains feature articles dealing with issues such as: the history of LLL; career information; energy; and defense. Also presents research and development reports, news and anecdotes about fellow employees, editorials and more. JB

* WIN Magazine, 326 Livingston St. Brooklyn, NY 11217. Bi-monthly magazine. Subscription: $20 per year.

National and international coverage of non-violent movements for peace and freedom. Includes articles on nuclear issues as well as the broader effects of militarism and exploitation on society. SJS

B. Periodicals that Frequently Contain Articles on Nuclear Issues

* The Breath of the People, Garlic Press, 1631 Grant St., Berkeley, CA 94703, subscription $3/year, 1 issue free, published irregularly.

Homemade, humor newspaper for adults and kids. Issue #13 is a special "Auntie Nuke" issue. Articles by kids about their involvement in the anti-nuclear movement. HP

***The Humanist, 7 Harwood Drive, Amherst, New York, 14226.

July/August 1982 issue carries the script for the San Francisco Mime Troupe's Factwino Meets the Moral Majority. The play is a fast-paced musical comic strip. The nefarious supervillain, Armageddonman, is a two-headed monster representing the military-industrial complex. Accompanying the script are many photos of the performed play. HP

** Mother Jones

Special Disarmament Issue: Sept/Oct 1982. Articles by Deirdere English, Alice Walker. Also: The disarmament movement in Eastern Europe, Ellsberg, "What About the Russians?", and an unbelievable "Believe It or Else!" HP

** The Nation

November 6, 1982 issue: "The Campaign to Smear the Nuclear Freeze Movement", by Frank Donner. A detailed analysis and refutation of The Reader's Digest* and Reagan's claims that the peace movement is controlled by the Kremlin. HP *(See Reader's Digest reference.)

** The Progressive, The Progressive, Inc., 409 East Main St., Madison, WI 53703, subscription $20/year.

Often contains articles on nuclear energy or weapons by such notables as George McGovern and Sidney Lens. MD

* Reader's Digest

October 1982 issue: "KGB's Magical War for 'Peace'", by John Barron. President Reagan's evidence for his statement that the peace movement is controlled by the Kremlin. HP (See refutation by Frank Donner, The Nation.)

* Science, Journal of the American Association for the Advancement of Science.

Contains interesting recent developments in and problems with nuclear energy. Geared towards the more technical reader. ADG

** Science for the People, SFTP, 897 Main Street, Cambridge MA 02139 (phone: 617-547-0370). Bi-monthly magazine.

Contains articles on nuclear waste and weapons issues. (See Chapter 7 - Organizations for information on Science for the People). JB

** Scientific American, P.O. Box 5919, NY, NY 10164. Monthly publication. Subscription: $21 per year.

Contains very readable articles written for the laymen on technical issues surrounding nuclear weapons and emerging new weapons technologies. CD

*** "A Bilateral Nuclear Weapons Freeze", by Randall Forsberg,, appearing in the Nov. 1982 issue. The originator of the Freeze movement provides a detailed explanation of the freeze proposal, including answers to questions about the verifiability of a Freeze agreement. Clear, well-written, specific. (With charts.) HP

C. Resource Lists

* Arms Control and Disarmament Agency, "Arms Control and Disarmament. A Quarterly Bibliography With Abstracts and Annotations", ACDA, Washington, D.C., 1970, 126 pp., vol. 7, no. 1, available from: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, $0.75, ERIC Documents #ED048077, SD000852.

This bibliography is compiled from a survey of the literature on the subject received by the Library of Congress. Only those likely to be available in larger research and public libraries in the US are included. Sources surveyed include books, monographs, publications of government agencies and international and national organizations, in addition to approximately 1,200 periodicals. Each issue contains English annotations of items published in English, French, and German, as well as annotations of items in all languages published in English translation...ERIC - JLB

** Brown, David, "Nuclear Film Forum", 2114 Golden Gate Ave., SF, CA 94118 (phone: 415-929-0766), 1981-82. 28 pages, $4.00.

This excellent series on nuclear power and nuclear weapons held in San Francisco, resulted in a 28 page model program and a longer guide listing thumbnail descriptions of 80 films. ESRB (See reference under "Human Resources".)

* Center for Defense Information, "Nuclear War Prevention Kit", 303 Capitol Gallery West, 600 Maryland Ave. SW, Washington, D.C. 20024 (phone:

202-484-9490), 1982. $2.00.

Provides useful information on how to organize and publicize a film screening using War Without Winners as a model, as well as how to secure speakers and lists of print and other resources. (See chapter on Organizations for information about the Center for Defense Information). ESRB

* Davis, Joann and Smith, Wendy, "A Checklist of Nuclear Books", appearing in Publishers Weekly, March 26, 1982, pp. 45-51.

Discusses the "notable increase in the number of nuclear books" and briefly describes nearly 130 current and forthcoming titles. CD

** Disarmament Resource Center, "Disarmament Resource Center Calendar", 942 Market Street, rm. 708, SF CA 94102. Subscription: $10 regular, $6 low income, $15 organizations.

Calendar of disarmament related events, focusing mainly on those occuring in the Bay Area and mentioning major events occuring across the nation. JB

** Dougal, Lucy, War and Peace in Literature, World Without War Publications, 67 E. Madison, Suite 1417, Chicago IL 60603 (phone: 312-236-7459). $5.00 plus .75 postage.

An annotated listing of 354 literary works from the western tradition that hold a mirror up to war. ESRB

* Dowling, John, "Nuclear War Film List", available from John Dowling, Department of Physics, Mansfield State College, Mansfield, PA 16933. $1.00.

Contains 100 currently available films on the arms race and nuclear war. Includes film synopses, ratings and information on where and how to obtain each film. CD

** Educators for Social Responsibility - Boston, Selective Annotated Bibliography on Nuclear Issues, available from ESR, 25 Kennard St., Brookline MA 02147, 1982. $3.00.

Excellent, selective, annotated bibliography containing chapters on: informational materials on nuclear issues for adults/teachers, books for children, curricular materials, list of audio-visual resources. This resource guide served as the model for Nucleography and most of its annotations are included. JB

** Federal Emergency Management Agency, FEMA Publications Catalogue, Aug. 1982, FEMA P.O. Box 8181, Washington DC, 20024, local branch: 211 Main Street,

rm. 220, San Francisco, CA 94105.

Most recent listing of FEMA publications. Provides descriptions of hundreds of publications including: civil preparedness guides, studies, technical reports, handbooks for the public, design case studies, technical memorandums, plans and preparedness series, emergency coordination series, emergency management training and education guides for instructors and students, and more. Publications fill in details such as: "What the planner needs to know about nuclear blast and shock"; "What the planner needs to know about initial nuclear radiation"; "What the planner needs about fallout"; etc. Interesting and important to know to see our government's approach to "preparing" for nuclear attack. JB

* Hurlburt, Evelyn N., Atomic Energy Commission, Oak Ridge, Tennessee, 26 pp., September, 1966, ERIC Documents #ED013754, SE001643.

Materials included were published after 1960, and deal with the properties of radiation, simple radiation detection procedures, and techniques for using radioisotopes experimentally. The references are listed in order of their value to a typical high school biology program...ERIC -- AG

* Hurlburt, Evelyn, N., Atomic Energy Commission, Oak Ridge, Tennessee, March, 1967, Available as TID-21262 for $3.00, from the Clearinghouse for Federal Scientific and Technical Information, National Bureau of Standards, U.S. Department of Commerce, Springfield, VA, 22151, ERIC Documents #ED013201, SE001484.

References to biological experiments that emphasize the use of radioisotopes as tracers are included in this annotated bibliography...Section III is a cross reference which relates experiments to the major conceptual schemes of the Biological Science Curriculum Study Program... ERIC -- AG

* Nuclear Information and Resource Service, Peace Organizations That Produce Materials Specifically Designed For Teachers and Children, NIRS, 1346 Connecticut Avenue NW, 4th Floor, Washington, D.C. 20036, (phone: 202-296-7552).

Annotated list of peace organizations that are particular resources for educators. Though most of the organizations listed are in the east, included are mailing addresses. JB

** Physicians For Social Responsibility, "Nuclear Weapons and War: Health Effects and Defense Policy Implications", PSR, P.O. Box 144, Watertown, MA 02172, 2 pp.

This two page listing includes books, government documents, and journal articles on the health implications of national policies on nuclear

weapons. CIS

** Wilmington College Peace Resource Center, "Peace Education Resources", WCPRC, Wilmington OH, 45177, (phone: 513-382-5338).

Very good listing of resource materials focusing on: peace education, alternatives to violence and war, global awareness, institutional violence, alternative world futures and teaching methodology. JB

* Women's International League for Peace and Freedom, Seattle Branch, Building A Peaceful World: A Resource Manual for Educators, Primary through Senior High, 1982, WILPF, Rm. 1126, Smith Tower, Seattle Washington 98104. 32 pages, $2.00 (not including postage).

A compilation of action/information groups in the Seattle area, selected book lists for both students and educators, audio- visual resources, curriculum guides and teaching aids. Focuses on information important to teaching and learning about peace, social justice, economic justice and ecological balance. JB

* World Without War Publications, "War.Peace.Film Guide", 67 East Madison, Suite 1417, Chicago, IL 60603 (phone: 312-236-7459), 1980. 188 pages, $5.00 plus $.75 postage.

Offers annotated descriptions and evaluations of 287 war/peace films plus program aids and other resources. CD

Chapter 7 ORGANIZATIONS

Abalone Alliance, 2940 16th St. #310, San Francisco, CA 94103, (phone: 415-861-0592).

Formed in 1977, Abalone Alliance is a network of decentralized, grassroots, groups throughout California that are committed to stopping nuclear power through nonviolent, direct action and education. SJS

American Civil Defense Association, Journal of Civil Defense, P.O. Box 910, Starke FL 32091.

Publishes the "Journal of Civil Defense" which presents information relating to civil defense, the survival of free government, the United States, and peace in the nuclear age. It is slanted to the non-technical reader. They also publish "The American Civil Defense Association Alert", a bi-monthly newsletter. ESRB

The American Friends Service Committee, 2160 Lake Street, San Francisco CA 94121. (phone: 415-752-7766).

A Quaker organization which supports disarmament/peace efforts through their regional offices. AFSC carries on a variety of educational, humanitarian and social change programs. It was one of the founders of the nuclear weapons freeze campaign. A variety of peace education resources including fact sheets, booklets, slide shows and film strips are available through regional AFSC offices and KARMIC -- National Action Research on the Military Industrial Complex, a project of AFSC. ESRB

Arms Control Association, 11 Dupont Circle, N.W., Washington D.C. 20036, (phone: 202-797-6450).

A nonpartisan national membership organization dedicated to promoting public understanding of effective policies and programs in arms control and disarmament. They participate in joint ventures with the Carnegie Endowment International Peace and publish a monthly newsletter "Arms Control Today". ESRB

Banner Campaign, (phone: 415-731-7961).

Hang a "Ban Nuclear Weapons" banner from your house, window, etc. Call for information.

The Bay Area Global Education Program, World Affairs Center, 312 Sutter Street, San Francisco, CA 94108

BAGEP is a consortium of university and community organizations designed

to assist elementary and secondary schools to improve their students' ability to deal with a changing world and to increase their competence in world affairs. It includes: the Stanford Program on International and Cross-Cultural Education (SPICE), the World Affairs Council School Program, Global Perspectives in Education (West Coast Office), and other community and university resources.

Californians for Nuclear Safeguards, 405 Sharader St., San Francisco, CA 94117, (phone: 415-386-0666).

As the name implies, this is not necessarily an anti-nuclear group, but rather one concerned with safety. ADG

Catholic Television Network, 324 Middlefield Rd., Menlo Park, CA 94025, (phone: 415-326-7850).

CTN has a resource collection of video and print material for peace education. (Discussion guides are available for some of the video programs.) Resource people from local and national agencies have contributed bibliographies, articles and network lists to the CTN files. For preview or use, phone Nancy.

Center for Defense Information, 303 Capitol Gallery W., 600 Maryland Avenue S.W., Washington DC 20024. (phone: 202-484-9490).

A project of The Fund for Peace, the Center for Defense Information is a non-partisan research organization that provides objective analyses of U.S. military programs for members of Congress and other top decision makers, the news media, key opinion leaders and private individuals throughout the U.S. The Center supports a strong defense, but opposes excesses and waste in military spending and programs that increase the danger of nuclear war. Publications are available upon request. ESRB

Coalition for a New Foreign and Military Policy, 120 Maryland Avenue N.E., Washington D.C. 20002, (phone: 202-546-8400).

The Coalition unites 47 national religious, labor, peace, research and social action organizations working for a peaceful non- interventionist and demilitarized U.S. foreign policy. They offer a variety of publications and a newsletter. ESRB

Council for a Liveable World. National Office: 11 Beacon Street, Boston MA 02108, (phone: 617-742-9395). Legislative Office: 100 Maryland Avenue N.E., Washington D.C. 20002, (phone: 202-543-4100).

A national group with its legislative office in Washington, D.C. which is dedicated to the prevention of nuclear war through political activity and public education. In addition to publishing books and pamphlets, the Council has formed a Speakers Bureau of physicists, chemists,

physicians, arms control specialists, and political scientists. They also have a Nuclear Arms Control Hotline (call 24 hours a day 202-543-0006) to provide people with the latest information on arms control, military budget legislation, Executive Branch policy developments, and highlights of key upcoming votes in Congress. ESRB

Council on Economic Priorities, 84 Fifth Avenue, New York NY 10011, (phone: 212-691-8550).

An organization established to disseminate unbiased and detailed information on the practices of U.S. corporations. These practicies have a profound impact on the quality of American life. CEP was established so that the American public could become aware of this impact and work to ensure corporate social responsibility. CEP publishes reports, newsletters, and a variety of publications which deal with government relations/political influence; military spending; energy; environment/OSHA; consumer; other issues; and ethical investment. ESRB

Ecumenical Peace Institute, 942 Market St., #712, San Francisco, CA 94102, (phone: 415-391-5215).

This organization is the disarmament agency of The Northern California Ecumenical Peace Council. It organizes peace actions in the religious congregations. Contact them for information regarding specific church groups.

Educators for Social Responsibility national office: Box 1041 Brookline Village, Brookline MA 02147, (phone: 617-277-1686), local chapters: Bay Area- c/o Rauchman, 55 Buckingham Way, San Francisco, CA 94132 (phones: 415-665-5092 or 924-7690 or 536-0119), East Bay- c/o Swift, 3840 Howe St., Oakland CA, 94611.

A group of educators and parents committed to: affirming the importance of creating alternatives to war, opposing reliance on nuclear weapons as a basis for maintaining peace, and endorsing nuclear disarmament and debate over appropriate steps to that end. Using their skills and resources as educators, ESR strives to: 1) review and develop curriculum for teaching about nuclear and peace issues; 2) provide workshops and conferences dealing with these issues; and 3) educate the public about nuclear and peace issues through political action. JB

Facing History and Ourselves, 25 Kennard Road, Brookline MA 02146. (phone: 617-734-1111, ext. 335/355)

A nationally recognized curriculum development teacher training project which has developed a curriculum entitled "Decision Making In A Nuclear Age" for junior and senior high school students. (see Curricula) ESRB

Federation of American Scientists, 307 Massachusetts Avenue N.E., Washington

D.C. 20002. (phone: 202-546-3300)

An organization licensed to lobby in the public interest and composed of 5000 natural and social scientists and engineers who are concerned with problems of science and society. FAS was first organized in 1945 as the Federation of Atomic Scientists and has functioned as a conscience of the scientific community for more than a quarter century. FAS publishes a monthly Public Interest Report. The Federation operates the Nuclear War Education Project, which publishes a newsletter (Countdown) ten times per year. The purpose of the Project is to 1) promote the development of study groups, course modules and entire courses on nuclear war; 2) train scientists and others to give presentations on nuclear war issues at schools, churches, and before citizen groups; 3) promote the development and distribution of teaching materials on nuclear war; and 4) facilitate cooperation among individuals and organizations concerned with nuclear war education. ESRB

The Fellowship of Reconciliation, Box 271, Nyack NY 10960. (phone: 914-358-4601)

Fellowship of Reconciliation joins many peace and justice groups, prominient scientists, and religious leaders in calling for a nuclear moratorium. They have local and regional disarmament programs throughout the country. F.O.R. publishes a magazine called Fellowship. They also have resources which include books, pamphlets, films, slide shows, information packets, and a list of speakers. ESRB

Friends of the Earth, 124 Spear St., San Francisco, CA (phone: 415-495-4770).

Through its nine regional offices, Friends of the Earth lobbies for a bilateral freeze and a phase-out of nuclear power plants. ESRB

Greenpeace, Building E, Fort Mason, San Francisco, CA 94123, (phone: 415-474-6767).

An organization initiated in 1970 devoted to improving ecological conditions and denouncing nuclear weaponry. Their protest has ranged from as far as the South Pacific nuclear weapons testing to saving the seals from slaughter in Newfoundland. Their imaginative, creative and courageous actions have inspired people of all continents. SJS

Ground Zero, 806 15th Street N.W., Suite 421, Washington D.C. 20005. (phone: 202-638-7402). Executive Director -- Roger Molander.

Provides educational programs on the problem of preventing nuclear war. Ground Zero is establishing Community Education Groups which will provide basic nuclear war education for group members and facilitate a broader educational outreach into the community. They have published Nuclear War: What's In It for You? ESRB

The Health Network, 1855 Folsom, San Francisco, CA 94103, (phone: 415-864-4141).

This newly formed organization for nuclear disarmament is open to all health care workers.

Jobs With Peace, 77 Summer Street, Boston MA 02110, (phone: 617- 451-3389), Frank Clemente, Director.

A nationwide effort to redirect federal priorities away from war and unnecessary military spending in order to meet human needs. Various materials are available including booklets -- "Towards a Boston Peace Budget"; "The Effects of Military Spending on Education and the Economy in Massachusetts"; a Jobs with Peace Organizer's Manual which explains the economic and military issues of Jobs with Peace and includes sections on running a Jobs with Peace Referendum; and local governments; and an Education Organizing Packet which descibes how to work with school committees and teachers unions. It includes the booklet about the impact of military spending on Massachusetts teachers, along with the one-week action curriculum "Crossroads" for high school English, Science, and Social Studies teachers. ESRB

Institute for Defense and Disarmament Studies, 251 Harvard Street, Brookline MA 02146. Contact person: Liz Bernstein, (phone: 617- 734-4216).

A research center which seeks to educate the public about military forces and disarmament by answering requests for information, publishing research, and making its library available to interested persons. ESRB

International Physicians For The Prevention of Nuclear War, 635 Huntington Avenue, 2nd floor, Boston MA 02115. (phone: 617-738-9404).

Seeks to alert all physicians to the threat posed by nuclear weapons. Provides information to the public which shows that physcians would be unable to provide adequate health care in the case of a nuclear war. ESRB

Livermore Action Group, 2126 Shattuck Ave., Berkeley, CA 94705, (phone: 415-644-2028).

An organization formed to focus national attention on the role of the University of California managed Lawrence Livermore National Laboratory in the development of nuclear weapons. It calls for the halt of the design, testing, and development of nuclear weapons and for conversion of the weapons lab to the research and development of alternative energy sources. Their tactics have included the leafleting of lab employees, legal demonstrations, and nonviolent civil disobedience. SJS

Marin People for Peace, 8 N. San Pedro Rd., San Rafael, CA 94903, (phone:

415-924-3832).

This group was formed three years ago for the promotion of peace. General meetings are held monthly.

Mid-Peninsula Conversion Project, 867 West Dana St., #203, Mountain View, CA 94041, (phone: 415-968-8798).

Research and educational project on the military impact on the economy and plans for conversion to civilian production.

Mobilization for Survival, 727 Massachusetts Avenue, Cambridge MA 02139, (phone: 617-354-0008).

A national coalition of organizations and individuals committed to the elimination of nuclear weapons, banning of nuclear power, stopping the arms race, and working for human needs. ESRB

Nuclear Information Resource Service, 1536 16th Street N.W., Washington D.C. 20036 (phone: 202-483-0045)

A national clearinghouse and networking center for people concerned about nuclear issues. They publish a bi-monthly newsletter "Groundswell", provide services for networking, fact sheet distribution, Legislative Alerts, and a toll-free Information Line. ESRB

Nuclear Weapons Freeze Campaign, national clearinghouse, 4144 Lindell Blvd. Suite 404, St. Louis MO 63108 (phone: 314-533-1169), local branch: Alameda County, 4042 Broadway, Oakland, CA 94611, (phone: 415-653-0317).

The clearing house monitors freeze activity nationwide and maintains a comprehensive list of local freeze organizers. They also publish updates of the Freeze campaign in their newsletter and provide resources for local Freeze activity. ESRB

Peace Links -- Women Against Nuclear War, 600 New Hampshire Ave. N.W., Suite 1000, Washington D.C. 20037. (phone: 202- 965-3410).

Peace Links was created to foster awareness and increase participation among women and families at the community, state, national and international levels on the issues of nuclear war, the arms race and the alternative proposals for a world at peace. Peace Links is a means of linking women from different community groups with other organizations so that they can learn about the issues and exercise leadership within their own communities. ESRB

Pelican Alliance, Box 596, Point Reyes Station, CA 94956. (phone: 415-663-8483).

This West Marin group is working towards nuclear disarmament.

Physicians For Social Responsibility, national office: 639 Massachusetts Avenue, Cambridge MA 02139, (phone: 617-491-2754). local branches: 2288 Fulton St., Berkeley, CA (phone: 415-845-8395), 171 N.High St., Sebastopol, CA (phone: 707-829-1118).

A non-profit organization of doctors committed to professional and public education on the medical dangers of nuclear weapons and nuclear war. The national office distributes their own books, publications, newsletter, special pamphlets, reprints and selected audio-visual materials. Their publications include materials on the medical hazards of nuclear weaponry, nuclear war, the arms race/disarmament, civil defense, and the psychosocial aspects of living in a nuclear age. The local PSR chapter provides speakers and speaker training for a wide range of professional, civic, and community groups. ESRB

Promoting Enduring Peace, P.O. Box 103, Woodmont CT 06460, (phone: 203-878-4769). Howard Frazier, Executive Director.

A religious and educational organization. They have a literature list and will send articles free of charge except for postage.

Riverside Church Disarmament Program, 490 Riverside Drive, New York NY 10027, (phone: 212-749-7000).

The program disseminates information to religious groups nationwide and organizes in the New York City area in support of a bilateral freeze and disarmament. ESRB

SANE, 711 G Street S.E., Washington, D.C. 20003, (phone: 202-546-7100.

Runs educational campaigns for both nuclear disarmament and the conversion of military-oriented industry to peaceful purposes. They publish newsletters on disarmament and the peace race (Sane World) and on economic conversion (The Conversion Planner).

Science for the People, 897 Main Street, Cambridge MA 02139, (phone: 617-547-0370).

A broad based organization working to build a science and technology responsive to people's needs. The organization's activities combine education, direct actio and outreach. They lead forums and workshops, provide speakers, organize conferences and demonstrations, and write extensively on such topics as: occupational safety and health; agriculture and food; genetic technology and reproductive rights; nuclear power and weapons; biological explanations of human society; and health care. They publish a bi-monthly magazine Science for the People, in addition to books, pamphlets, slide shows and literature packets. ESRB

Soviet-U.S. Children's Letter Exchange, c/o Mr. Dudzhev, Cultural Attache, Embassy of the U.S.S.R., 1125 16th St. N.W., Washington, D.C. 20036.

U.S./Soviet penpal service for children. They can write about whatever they wish "from playing hockey to playing hookey".

Students for Social Responsibility, c/o Student Activities, College of Marin, Kentfield, CA 94904, (phone: 415-485-9376).

Active organization for college students.

Student Teacher Organization to Prevent Nuclear War (STOP Nuclear War), Box 232, Northfield MA 01360, (phone: 413- 498-5311 ext 264) The Rev. Jim Antal, Executive Director and Founder.

A nationwide organization of high school students and teachers committed to informing their local school communities of the dangers of the nuclear arms race, the imminent threat of nuclear war and the concrete actions young people can take toward organizing to reduce the threat of nuclear war. Their newsletter is filled with activities and ideas for classrooms. ESRB

Tam Students for Peace, Tamalpais High School, Camino Alto, Mill Valley, CA 94941, (phone: 415-388-3292).

Active peace organization of high school students.

U.C. Weapons Lab Conversion Project, 3126 Shattuck Ave, Berkeley, CA 94703.

Founded in 1976, as a coalition of Bay Area peace and student groups, the UCWLCP formed to challenge the University of California's renewal of its five year contract to manage Livermore and Los Alamos Weapons Labs. The Conversion Project continues to educate the public on the universities involvement in weapons development.

The Union of Concerned Scientists, 1384 Massachusetts Ave., Cambridge MA 02238, (phone: 617-547-5552).

An organization of scientists, engineers, and other professionals concerned about the impact of advanced technology on society. UCS has conducted independent technical studies on a range of questions related to nuclear arms, nuclear power plant safety, radioactive waste disposal options, U.S. energy policy, and liquified natural gas transport and storage hazards. UCS has released a number of studies dealing with nuclear energy and nuclear weapons. They maintain an extremely active public education program including nationwide events, periodic TV and radio appearances, and frequent speaking engagements. ESRB

United Campuses To Prevent Nuclear War, 1346 Connecticut Ave., Washington D.C. 20036, (phone:202-223-6206), Sandy Gottlieb: Executive Director.

A national organization of college faculty and students who are concerned about the threat of nuclear war. A National Convocation was held on November 11, 1982 on college campuses across the nation. UCAM co-sponsored this event with the Union of Concerned Scientists, Physicians for Social Responsibility and the Lawyers Alliance for Nuclear Arms Control. ESRB

United States Government Agencies:

Center for Strategic and International Studies. 1800 k Street N.W., Washington D.C. 20002, (phone: 202-546-3300)

Federal Emergency Management Agency, 500 C Street S.W., Dept. P., Donohoe Bldg., Washington D.C. 20472.

U.S. Arms Control Disarmament Agency, Washington D.C. 20250

U.S. Department of Defense, Washington D.C. 20301.

U.S. Department of Energy, Office of Consumer Affairs, rm. 8G082, Wshington D.C. 20585. Publication: The Energy Consumer.

U.S. Department of State, Bureau of Public Affiars, Office of Public Communication, Editorial Division, Washington D.C. 20526.

The U.S. Peace Council, Box 426, Astor Station, Boston MA 02123, (phone: 617-969-5571).

A multi-national, multi-racial organization that merges the struggle for peace, detente, and national liberation with the movements of labor and the community for a better life. It is an associate of the World Peace Council. ESRB

Women's Action For Nuclear Disarmament, 56 N. Beacon St., Watertown, MA 02172. (phone: 617-923-9542).

WAND is a political action committee formed as a single issue organization to end the nuclear arms race. ESRB

Women's International League for Peace and Freedom, national office: 1213 Race St., Philadelphia PA 19107, (phone: 215-563-7110), local branch: 50 Oak St., San Francisco, CA 94102.

With 120 branches, WILPF supports a bilateral freeze through its STOP THE ARMS RACE campaign. They have a speakers bureau and a listing of their publications, posters, T-shirts, and films.

Women's Party for Survival, national office: 56 N. Beacon St., Watertown, MA 02172; local branch: 13 Columbus Ave. San Francisco, 94114, (phone: 415-552-0353).

Founded in 1980 by Dr. Helen Caldicott, and dedicated to the prevention of nuclear war, this organization holds monthly meetings open to all. Speakers and films available. No charge.

Chapter 8 HUMAN RESOURCES IN THE SF BAY AREA

Bay Area Nonviolence Preparers, contact people: Eric Bear: (phone: 415-285-8729), Steven Sutcher, (phone: 415-848-0828).

A network of people who offer workshops in nonviolence, consensus decisionmaking, group facilitation, and preparation for nonviolent civil disobedience. The goals are: 1) to nourish and build a continuing movement for nonviolent direct action; 2) to work for social justice, in particular to value human diversity and overcome prejudice based on individual or group differences; 3) to build ties with third world groups, labor groups, indigenous peoples, and international struggles. SJS

The Bombmaker, phone (415) 524-3311.

A one-act comic fantasy with music. A Livermore Lab scientist dies, meets the gods, and has a change of heart. Will he be able to stop the weapon he created? Available for benefits, rallies, and school assemblies. HP

David L. Brown. 2114 Golden Gate Avenue, San Francisco, CA 94118. phone (415) 929-0766.

David Brown offers free consultation for any group interested in organizing nuclear awareness media events. His backround includes the following: producer and director of the Nuclear Film Forum (1981); founder of Energon Films, a San Francisco filmmaking collective committed to films on pressing social and environmental issues. GMGB

Earthstar Radio Show, 11:30-12:00 midnight, Saturday nights, KFAX 1100 AM, Dr. Roger Kotila, phone (415) 381-0531.

A world public action line that reports on activities and future events related to peace. The program has a "phono-journalism" segment, playing social-message music typically not aired in mainstream radio and a Grass Roots Journal reporting on activities of the anti-nuclear movement.

Darryl Henriques, phone (415) 626-3131.

Darryl Henriques refers to himself as a "left handed socio-politico-sexio-environmental comedian". His biting satire addresses current environmental and social issues. He instructs his audiences in how they can become major superpowers in their neighborhoods with their own backyard nuclear reactors. Creator of Joe Carcinogenni, promoter of hazardous and toxic products. Available to M.C. events and provide entertaining and educational comedy. Be prepared for ruthless humor. JB

Interhelp. 330 Ellis Street, rm. 505, San Francisco, CA 94102. phone (415)

673-5433.

Interhelp is a non-partisan network of concerned individuals and groups spanning the country and expanding abroad. We have developed materials and methods to help people overcome psychic numbing, isolation, and "burnout", and to engage in the challenge facing us with fresh energy and vision. Interhelp offers workshops for an evening, a day, a weekend, guest speakers, and various publications dealing with the emotional and cultural aspects of life in the nuclear age.

Paul Krassner, phone (415) 863-1308.

Investigative satirist who presents contemporary history in the guise of stand-up comedy. Former editor and founder of The Realist (1958-74), a publication known as the forerunner of the underground press movement in the U.S. In 1971, Groucho Marx said, "I predict in time (Paul Krassner) will wind up as the only live Lenny Bruce". University of California's newspaper, The Daily Californian said of him "he is like a river of comedy breaking thru a dam of social repression". Available as a performer, entertainer and M.C. JB

Lawrence Hall of Science, University of California, Berkeley, CA 94720, (phone: 415-642-5132).

Offers a wide variety of programs for school groups, including a workshop for grades 7-12, entitled, Inside the Atom. Inside this one hour class, students use geiger counters to detect naturally radioactive atoms found in many common materials and explore different types of shielding materials. Other relevant programs include classes in solar power, and exhibits on radioactivity. CIS

Living in the Nuclear Age, radio program, KPFA, 94.1 FM, 7-8pm first and third Fridays of each month.

Radio program featuring issues relevant to living in the nuclear age.

Scoop Niskar, phone (415) 655-0544.

Scoop is the producer of The Last News Show, a radio show which ends each program with "if you don't like the news, go out and make some of your own." Powerful political satirist, entertainer, singer, performer. Available to M.C. events and provide engaging political comedy. JB

Nuclear Film Forum. (See "David L. Brown")

Nuclear Disarmament Project, Commission on Social Justice, Archdiocese of San Francisco, 117 Diamond St., San Francisco, CA 94114, (415) 552-0353.

The Nuclear Disarmament Project organizes groups in local parishes to EDUCATE about nuclear issues, REFLECT on these issues in the light of their faith, and take ACTION to dissolve the nuclear threat. They also offer workshops for teachers and put on education days in [parochial] schools.

Pacific Rim Counseling Associates, Robert Ressler, Ph.D., Wendy Hunter Roberts, M.S.W., Deena Glass, M.F.C.C.. 1175 Sanchez Street, San Francisco, CA 94114. (phone: 415-824-6415 or 415-644-1893).

We offer workshops for students, teachers and parents on dealing with the psychological impact of growing up in the nuclear age. We also are available to facilitate the formation of ongoing action/support groups and can do counseling for individuals and families on the nuclear issue and its effects on young people. Our fees are negotiable on a sliding scale and consultations are free. RHR

Parenting in a Nuclear Age, (phone: 415-658-7101).

Once monthly open rap for parents. Call for times and places.

Physicians for Social Responsibility, speakers bureau (phone: 415-328-8188), speaker training (phone: 415-845-8395).

PSR can provide speakers for your events and train you to speak on the medical consequences of nuclear war.

Plutonium Players, 1600 Woolsey St. #7, Berkeley, CA 94703. 841-6500.

The Plutonium Players are an independant satire troupe comprised of 5 actor/activists who specialize in using comedy to expose absurd, illogical and oppressive doctrines and institutions. Their primary interest is in empowering their audiences to fight for social change with renewed spirit born of laughter and anger. Two very popular campaigns they have launched are "Ladies Against Women" and "Reagan for Shah". They perform at a wide variety of events including conferences, night clubs, rallies, parks and street corners. They also have developed a "conscious lowering kit" to show other interested groups of people how to do street theatre dealing with social issues.

San Francisco Mime Troupe, 855 Treat St. San Francisco, CA 94110. 285-1717

The San Francisco Mime Troupe's main objective is to provide popular, professional theatre dealing with social issues in an entertaining but thought-provoking way. Performing plays both in repertory and free in the parks, the SF Mime Troupe strives to reach out to the broadest possible audience. Their latest play, "Fact-wino vs. Armageddon Man", presents the issue of nuclear disarmament superbly. Don't miss them!! Also available for bookings.

Waking Up in the Nuclear Age, Box 23, Fort Mason Center, San Francisco, CA 94123. Phone the Director, Ms. Cnellis Glendenning at (415) 928-2014.

Waking Up in The Nuclear Age is an organization of psychotherapists and educators, dedicated to consciousness raising, personal support, and political empowerment. We give workshops, seminars, trainings to mental health professionals and educators, and public lectures that address issues of psychology in the nuclear age.

Liz Walker, (phone: 415-285-9685).

Offers workshops to educators on "Nonviolence in the Classroom". These workshops present techniques and strategies which foster communication, respect and non-threatening conflict resolution. Also available to give workshops on concensus decisionmaking and meeting facilitation techniques. JB

Layna Verin, 2110 1/2 Ashby Avenue, apt. 10, Berkeley, CA 94705.

Provides moving presentations dealing with the nuclear threat in the context of the meaning and wonder of life; the economic ecological and spiritual crises that confront humanity; the need for individual and social change; and the hope for the future that lies in this change. Layna has developed a program which she presents in schools to students aged 5th grade - high school. The program consists of three 45 minute sessions involving a talk, the viewing of the film "War Without Winners", and a discussion. She is available to present this program to students, give workshops to educators and parents on techniques in presenting this material and will speak to groups about her experiences. JB

APPENDIX A: CONTRIBUTORS

List of Contributers

INITIALS	NAME OF CONTRIBUTOR
ADG	Alan David Gould
AFSC	American Friends Service Committee
AJF	Alan Jacob Friedman
CIS	Cary Ivan Sneider
CD	Countdown, Federation of American Scientists
CP	Conservation Press
ERIC	Educational Resources Information Center (followed by initials of annotater)
ESRB	Educators of Social Responsibility, Boston
JBR	John Brunn
FAFKP	Films Art Foundation/Kids for Peace
GMGB	Gigi Bridges
GAS	Gabriella Schultz
HP	Henri Picciotto, tout ici pincher
HS	Hermine Spitz
IAT	It's About Times
JB	Jacqueline Barber
MD	Margaret Dutton
NA	Nancy Austin
NIRS	Nuclear Information and Resources Service
PRO	The Progressive
RHR	Robert Ressler
RMF	Robin Mark Freeman
SJS	Steven Jay Sutcher
WCPRC	Wilmington College Peace Resource Center

How to Contribute

The editors invite you to join the "List of Contributors" by sending references and annotations on the subjects of nuclear energy, war, and peace. As stated in the introduction, the editors hope to include a broad spectrum of viewpoints on these issues. Your participation is absolutely essential if this resource guide is to become a truly interactive document.

First, check the index to see if the item has been included already. If it has, read the annotation and see if you have a short comment to add. Additions need not include all of the pertinent information, but should identify the reference, page number and issue of the Nucleography in which it appears.

If the reference has not yet been included in the Nucleography, do the following:

1. Decide which of the eight chapters would be most appropriate for the item you wish to contribute. Check that chapter for examples of the information needed and format.

2. Write your references and annotations, following examples from the appropriate chapters of the Nucleography, on one or more blank sheets of paper.

3. If you do not have all of the information on an item, send it anyway. However, items will not be included unless they are annotated.

4. Next to each contribution, write the chapter in which you want it to appear, and rate it with one, two, or three stars. (* worth including; ** espcially valuable; *** a must).

5. Include your NAME, INITIALS, AND ORGANIZATIONAL AFFILIATION (optional) as you want it to appear in the list of contributors.

APPENDIX B: FILM DISTRIBUTORS

Alliance For Survival
1743 Echo Park Avenue
Los Angeles, CA 90026
(213) 617-2118

American Committee on East-West Accord
Attn. Jeanne V. Mattison, Co-Director
227 Mass. Ave. N.E., Suite 300
Washington, D.C. 20002
(202) 546-1700

American Friends Service Committee
2160 Lake Street
San Francisco, CA 94121
(415) 752-7766
(Please write or call SF office for updated catalogue)
National Office: 1501 Cherry Street
1501 Cherry Street
Philadelphia, Pennsylvania 19102
(215) 241-7175

American Security Council Education Foundation
Boston, Virginia 22713
(703) 825-1776

Anderson, Michael
402 San Francisco Blvd.
San Anselmo, CA 94960
(415) 454-8099

The Archives Project
c/o Pierce Rafferty
P.O. Box 438
Canal Street Station
New York, New York 10013
(212) 966-6561

Audio Brandon Films
7838 San Fernando Road
Sun Valley, CA 91352
(213) 767-9621
toll-free number: 800-423-2590
(and other branch offices)

Battelle Project Management Division
Office of Nuclear Waste Isolation
Communications Department
505 King Avenue
Columbus, Ohio 43201
(614) 424-6424

Budget Films
4590 Santa Monica Blvd.
Los Angeles, CA 90029
(213) 660-0187

Bullfrog Films
Oley, Pennsylvania 19547
(215) 779-8226

Carousel Films
1501 Broadway
New York, New York 10036
(212) 354-0315

Chronicle Productions
1001 Van Ness Avenue
San Francisco, CA 94109
(415) 561-8663

Central Committee for Conscientious Objectors (CCCO)
2208 South Street
Philadelphia, Pennsylvannia 19146
(215) 545-4626

Coalition for a New Foreign and Military Policy
120 Maryland Avenue NE
Washington, D.C. 20002
(202) 546-8400

Columbia Pictures
300 South Colgems Square
Burbank, CA 91505
(213) 954-6000

Contemporary/McGraw-Hill
1221 Avenue of the Americas
New York, New York 10020
(212) 997-2813

Corinth Films
410 East 62nd Street
New York, New York 10021
(212) 421-4770

Creative Venture Films
Village Center Box 599
Springhouse, Pennsylvania
(215) 643-4177

Defense Nuclear Agency
Washington, D.C. 20305
(703) 325-7095

Department of Energy Film Library
P.O. Box 62
Oakridge, Tennessee 37830
(615) 576-1285

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Direct Cinema
P.O. Box 315
Franklin Lakes, New Jersey 07417
(201) 891-8240

Earth Energy Media
535 Cordova Road #431
Santa Fe, New Mexico 87501

Educators for Social Responsibility,
Santa Cruz (multi-media exhibit)
Sigrid McLaughlin
441 High Street
Santa Cruz, CA 95060
(408) 426-1597

Electronic Arts Intermix
84 Fifth Avenue
New York, New York 10011
(212) 989-2316

Energon Films
Attn. David L. Brown
2114 Golden Gate Avenue

San Francisco, CA 94118

Envisage Productions
307 Shotwell Street
San Francisco, CA
(415) 621-7077

Espresso Productions
4560 Horton Street
Emeryville, CA
(415) 658-1415

Extension Media Center
2223 Fulton Street
University of California
Berkeley, CA 94720
(415) 642-0460

Films Art Foundation
(along with Face for Peace, distributes
Let's Grow Up)
Michael Litle
2940 16th Street
SF, CA 94103
(415) 824-3977

Films Inc.
733 Greenbay Road
Wilmette, Illinois 60091
(312) 256-3200
(213) 466-5481 (LA feature division)
Western Region toll-free number: 800-421-0612
(Other branch offices)

Green Mountain Post Films
P.O. Box 229
Turners Falls, Massachusetts 01376
(413) 863-4754

High Hopes Media
233 Summit Avenue East
Seattle, Washington 98102
(206) 322-9010

Icarus Films
200 Park Avenue South

New York, New York 10003
(212) 674-3375

Independent Documentary Group
394 Elizabeth Street
San Francisco, CA 94114
(415) 282-1571

Indiana University
Audio Visual Center
Bloomington, Indiana 47401
(812) 337-2103

Institute for Policy Studies
1901 Que Street NW
Washington, D.C. 20009
(202) 234-9382

Iowa State Films
Audio Visual Center
Media Library, C-5 East Hall
Iowa City, Iowa 52242
(319) 353-5885

Journal Films
930 Pitner Avenue
Evanston, Illinois 60202
(312) 328-6700

Kent State University
Audio Visual Department
Kent, Ohio 44242
(216) 672-2172

Kit Parker Films
Carmel Valley, CA 93924
(408) 659-3474

MacMillan Films, Inc.
34 Macqueston Parkway South
Mount Vernon, New York 10550
(914) 664-5051

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Michigan Media
University of Michigan
Media Resources Center
Ann Arbor, Michigan 48109
(313) 764-5360

Micronesia Support Committee
1212 University Avenue
Honolulu, Hawaii 96826
(212) 942-0437

Mid-Penninsula Conversion Project
867 W. Dana #203
Mt. View, CA 94041
(415) 968-8798

Modern Talking Picture Service (PG&E)
149 Montgomery Street
San Francisco, CA 94105
(415) 543-4075

Museum of Modern Art
Circulating Film Library
11 West 53rd Street
New York, New York 10019
(212) 956-4204

National Audio Visual Center
General Services Administration,
Order Dept.
Washington, D.C. 20409
(301) 763-1896

New Time Films, Inc.
1051 Broadway, Suite 1904
New York, New York 10038
(212) 921-7120

New Yorker Films
16 West 61st Street
New York, New York 10023
(212) 247-6110

Parallel Film Productions
314 West 91st Street
New York, New York 10024
(212) 580-3888

Physicians for Social Responsibility
2288 Fulton Street
Berkeley, CA 94720
(415) 845-8395

Public Interest Video Network
Attn. Kim Spencer
1027 DeHaro Street
San Francisco, CA 94107
(415) 821-9468

Public Television Library
Public Broadcasting System
475 L'Enfant Plaza, S.W.
Washington, D.C. 20024

Pyramid Films
P.O. Box 1048
Santa Monica, CA 90406
(213) 828-7577

Resource Center For Non-Violence
P.O. Box 2324
Santa Cruz, CA 95063
(408) 423-1626

Skye Pictures
1460 Church Street
Washington, D.C. 20055
(202) 265-7846

Stuart Finley, Inc.
3428 Mansfield Road
Falls Church, Virginia
(703) 820-7700

Survivors Film Project
Japanese American Citizen's League
1765 Sutter Street
San Francisco, CA 94115
(415) 921-5225

Swank Motion Pictures, Inc.
393 Front Street
Hicksville, New York
(516) 931-7500

Syracuse University Film Rental Center
Time-Life Multimedia
100 Eisenhower Drive
Paramus, New Jersey 07652
(201) 843-4545

United Artists
729 Seventh Avenue
New York, New York 10019
(212) 575-3000

Washington State University
Audio Visual Center
Pullman, Washington 99164
(509) 335-3564

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